



26<sup>TH</sup> CONFERENCE  
INTERNATIONAL ASSOCIATION  
**PEOPLE - ENVIRONMENT**  
STUDIES QUEBEC CITY, CANADA



**WARNING: This PDF program was completed with the most current information available on June 20<sup>th</sup>, 2020. Online program information is always the most up to date data if ever there is a discrepancy between the two schedules.**

**IAPS 2020**  
**Secretariat**  
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# IAPS 2020 Conference - Program at a glance

\* Please note that session titles are abbreviated

	Virtual Room 8	Virtual Room 9	Virtual Room 10
<b>Sunday, June 21, 2020</b>			
8:00	YOUNG RESEARCHERS WORKSHOP : WELCOME		
8:45	YOUNG RESEARCHERS WORKSHOP 1 QOL, care units and elderly people	YOUNG RESEARCHERS WORKSHOP 2 Sustainability	YOUNG RESEARCHERS WORKSHOP 3 Restorative environment
10:15	Break		
10:30	YRW1 (continues)	YRW 2 (continues)	YRW 3 (continues)
12:00	"Here we chat"		

	Virtual Room 8	Virtual Room 9	Virtual Room 10
<b>Monday, June 22, 2020</b>			
OPENING - WELCOME TO IAPS 2020			
	YOUNG RESEARCHERS WORKSHOP 4 Living Spaces	YOUNG RESEARCHERS WORKSHOP 5 Schools and learning environments	YOUNG RESEARCHERS WORKSHOP 6 Urban environment and citizen participation
Break			
	YRW 4 (continues)	YRW 5 (continues)	YRW 6 (continues)

Virtual room	1- Environmental hazards & behaviors	2 - Urban sustainability projects & practices	3 - Children & youth environments	4 - Built environment, aging & lifecycle	5 - Place experience, meaning & representation	6 - P-E research methods & applications	7 - Perspectives on P-E theory & methods
<b>Monday, June 22, 2020</b>							
8:00	OPENING - WELCOME TO IAPS 2020						
8:45	SYMPOSIUM 08 Communication challenges for nature conservation	PAPER SESSION SYM-02 Food production and practices	INTENSIVE SESSION Renovating schools estates with "people in mind"	PAPER SESSION SYM-07 Aging in place and aging in the right place	SYMPOSIUM 04 Home and time in the experience of migration	PAPER SESSION REG-15 Virtual reality technologies in P-E research	WORKSHOP Sense and sensibility in design and users experience
10:15	Break : Discover a choice of activities						
10:30	PAPER SESSION SYM-08 Sustainability : Research, policy and communication	SYMPOSIUM 02 Time for food growing?	INTENSIVE SESSION (cont.) Renovating schools estates with "people in mind"	SYMPOSIUM 07 "The right" to age-in-the-right-place	PAPER SESSION SYM-04 Migration: identity, attachment and inclusion	SYMPOSIUM 13 Methodologies to help people adapt to new technologies	WORKSHOP It's about time: Body conscious design
12:00	Learn about Quebec						

<b>Tuesday, June 23, 2020</b>							
7:00	Network meeting Restorative Environments			Network Meeting Environment and Gerontology			Network Meeting Comm. Technology & Place
8:00	KEYNOTE: Anne Vernez Moudon. Community WITH propinquity: Your health and the built environment						
8:45	PAPER SESSION SYM-17 Proenvironmental behaviors: What triggers them ... or not ?	PAPER SESSION REG-03 Energy and waste : behaviors and attitudes	SYMPOSIUM 12 Renovating public schools for future generations	SYMPOSIUM 09 Autonomy and independence in cities over life cycles	PAPER SESSION REG-05 Transformation, conservation and collective memory	PAPER SESSION REG-04 Green buildings and technologies	PAPER SESSION SYM-05 Studying change through time
10:15	Break : Discover a choice of activities						
10:30	SYMPOSIUM 17 Sins of omission: The environment's in trouble	SYMPOSIUM 14 Walkability as an alternative for sustainable mobility	PAPER SESSION SYM-12 Schools environments, beyond the classrooms	PAPER SESSION SYM-09 Adapting the built environment to transition and change over	PAPER SESSION REG-18 Large scale and micro-scale approaches to studying P-E	PAPER SESSION REG-11 Biophilic design	SYMPOSIUM 05 Long-term studies: benefits and pitfalls
12:00	Informal conversations about PES						

<b>Wednesday, June 24, 2020</b>							
7:00	Covid-19 FORUM 1 Impacts on housing		Covid-19 FORUM 2 Promises from digital world				Covid-19 FORUM 3 Design and research
8:00	KEYNOTE: Sarah Foster. The High Life Study evaluation of apartment design and health.						
8:45	PAPER SESSION REG-12 The human benefits of forest, biodiversity, and green spaces	PAPER SESSION REG-02 University campuses: Methods for planning and design	PAPER SESSION SYM-01 Environmental experiences and child development	PAPER SESSION SYM-06 Housing choice and activity spaces along the life cycle	PAPER SESSION SYM-03 Representations, identity and place attachment	SYMPOSIUM 19 Time, health and sustainability in work and life	PAPER SESSION REG-19 Pre-and post design evaluation,
10:15	Break : Discover a choice of activities						
10:30	PAPER SESSION SYM-11 The restorative contribution of nature and built environments	SYMPOSIUM 18 The role of lighting design for walking in urban settings	SYMPOSIUM 01 Process, practice, policy: Youth inclusion in the public realm	SYMPOSIUM 06 Intergenerational place-making	SYMPOSIUM 03 Mental maps from collective memories & social positions	PAPER SESSION SYM-19 Rethinking the workplace with wellness in mind	SYMPOSIUM 20 Research methods' timeline: 50 years of PES
12:00	Covid-19 FORUM 4 Urban synchrony		Covid-19 FORUM 5 Environmental norms		Covid-19 FORUM 6 Changes in building criteria		Covid-19 FORUM 7 Life cycles and the city

<b>Thursday, June 25, 2020</b>							
7:00			Network Meeting Children, Youth & Env.		Network Meeting Place attachment		
8:00	KEYNOTE: Fabio Duarte. A world of data: designing cities within emergent geographies.						
8:45	SYMPOSIUM 11 From mitigation to adaptation: resilience challenges	PAPER SESSION REG-13 Upgrading large housing estates: stakes and challenges	SYMPOSIUM 21 Addressing youth incarceration	PAPER SESSION REG-07 Expanding our knowledge concerning aging populations	PAPER SESSION REG-14 Urban behaviors and activity spaces	PAPER SESSION REG-01 Innovative places for work environments	SYMPOSIUM 16 Re-conceptualizing arch. and urban design education
10:15	Break : Discover a choice of activities						
10:30	PAPER SESSION SYM-11 Environmental hazards, risk perception and policy	PAPER SESSION REG-06 Revitalization of precarious living environments	PAPER SESSION REG-09 How do school and education shape children?	PAPER SESSION REG-08 Home or care: what to favor in old age?	PAPER SESSION REG-16 Working at the metropolitan and regional scales	SYMPOSIUM 15 Photo-elicitation Interviews reported to architects	PAPER SESSION REG-17 Dwelling and building in the humanities and arch. theory
12:00	VIRTUAL BANQUET						

<b>Friday, June 26, 2020</b>							
7:00	Annual General Meeting of IAPS members						
8:00	FLASH & POSTER SESSION 1 Building quality and wellbeing	FLASH & POSTER SESSION 2 Buildings and places: perception and preferences	FLASH & POSTER SESSION 3 Children, Youth and School Environments	FLASH & POSTER SESSION 4 Aging and the built environment	FLASH & POSTER SESSION 5 Housing type: life cycle and wellbeing	FLASH & POSTER SESSION 6 Tools and strategies for P-E research	FLASH & POSTER SESSION 7 Design theory and methods
10:00	Break : Discover a choice of activities						
10:15	Plenary Session: "When Time Stands Still. Covid-19 and P-E Relations"						
12:00	CLOSING CEREMONY : Prizes, 2022 Conference and Au Revoir						

## Sunday, June 21, 2020

### YOUNG RESEARCHERS WORKSHOP

VIRTUAL ROOM: 1

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8:00 - 8:45 **WELCOME**  
**Karine Weiss**, Université de Nîmes, France

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### YRW 01 - QOL, CARE UNITS AND ELDERLY PEOPLE (PART 01)

VIRTUAL ROOM: 8

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8:45 - 9:00 **STUDYING PAUPERIZATION IN QUÉBEC CITY (1971-2016): METHODOLOGICAL INSIGHTS AND COMPARATIVE PRELIMINARY RESULTS**  
**Louis-Pierre Beaudry**, Université Laval, Canada

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9:15 - 9:30 **HOME ACCESSIBILITY OF OLDER ADULTS AGING WITH MOBILITY DISABILITY: A MIXED-METHODS STUDY**  
**Widya Ramadhani**, University of Illinois at Urbana-Champaign, United States

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9:45 - 10:00 **WHAT CONSTITUTES AN OPTIMALLY STIMULATING ENVIRONMENT FOR OLDER PEOPLE AND PEOPLE WITH BRAIN INJURY?**  
**Ruby Lipson-Smith**, The Florey Institute of Neuroscience and Mental Health, Australia

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### YRW 02 - SUSTAINABILITY (PART 01)

VIRTUAL ROOM: 9

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8:45 - 9:00 **ECOLOGICAL GRIEF AND MENTAL HEALTH: IMPACTS AND EXPERIENCES OF UNDERGRADUATE STUDENTS**  
**Madison Cooper**, Laurentian University, Canada

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9:15 - 9:30 **IDENTITY DEVELOPMENT IN THE GHANAIAN DIGITAL AFTERWORLD: AN EXPLORATION OF INTERSECTIONAL INEQUALITY AND EMERGING ADULTHOOD**  
**Gyamfuah Sarfo-Mensah**, University of Chicago, United States

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9:45 - 10:00 **PEOPLE'S' RESPONSES TO RENEWABLE ENERGY PROJECTS AND THEIR HISTORICAL ROOTS**  
**Sophia Kuepers**, ISCTE, Portugal

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### YRW 03 - RESTORATIVE ENVIRONMENT (PART 01)

VIRTUAL ROOM: 10

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8:45 - 9:00 **EFFECTS OF RESTORATIVE ENVIRONMENTS AND STRESS REDUCTION IN CANCER PATIENTS**  
**Maricela Irepan-Aguilar**, Universidad Nacional Autonoma de Mexico, Mexico

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9:15 - 9:30 **STEP OUT EXPLORING WORK FORMS AND NORMS IN THE URBAN OUTDOORS**  
**Charlotte Petersson**, Malmö University, Sweden

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9:45 - 10:00 **WAYFINDING IN HEALTHCARE FACILITIES AND ITS EFFECTS ON STRESS**  
**Fei Qi**, Tongji University, China

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**YRW 01 - QOL, CARE UNITS AND ELDERLY PEOPLE (PART 02)**

VIRTUAL ROOM: 8

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10:30 - 10:45 **EVALUATING THE FITNESS FOR THE ELDERLY IN THE COMMUNITIES:OPTIMIZING THE LSES-ILE TOOL**  
**Yuliang Yan**, Harbin Institute of Technology, China  
Dake Wei

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11:00 - 11:15 **COMPUTATIONAL MODELS FOR MEASURING VISUAL ENVIRONMENT QUALITY OF THE ELDERLY'S BEDROOM IN LONG-TERM CARE HOME**  
**Xi Li**, Harbin Institute of Technology, China  
Dake Wei

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11:30 - 11:45 **WHERE TO LOCATE PATIENTS WITH HIGH RISK FOR FALL: NURSES' SUBJECTIVE PERSPECTIVES AND SPACE SYNTAX OBJECTIVE ANALYSIS**  
**Mahshad Kazem Zadeh**, University of Florida, United States

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**YRW 02 - SUSTAINABILITY (PART 02)**

VIRTUAL ROOM: 9

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10:30 - 10:45 **RISK PERCEPTION IN RESIDENTS OF A MINING AREA CONTAMINATED WITH ARSENIC**  
**Jaqueline Resendiz**, Universidad Nacional Autónoma de México, Mexico  
Patricia Ortega-Andeane

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11:00 - 11:15 **USE OF VIRTUAL REALITY TO CONNECT WITH THE OCEANS AND SUBSEQUENT IMPACT ON PACKAGING CHOICE**  
**Sohvi Nuojua**, University of Plymouth, United Kingdom  
Sabine Pahl, Richard Thompson

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11:30 - 11:45 **ANALYSIS OF ENVIRONMENTAL CONCERN IN RUSSIAN REGIONS FACING ENVIRONMENTAL CHANGE**  
**Alexandra Ivanova**, Higher School of Economics, Russian Federation

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**YRW 03 - RESTORATIVE ENVIRONMENT (PART 02)**

VIRTUAL ROOM: 10

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10:30 - 10:45 **HOW FAMILIARITY WITH GREEN SPACE MODERATES NATURE'S IMPACT ON PSYCHOLOGICAL WELLBEING**  
**Everly Jazi**, The Ohio State University, United States  
Alia Dietsch

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11:00 - 11:15 **BIOPHILIC DESIGN AND MENTAL WELLBEING: THE IMPACT OF NATURE IN ARCHITECTURE ON POSITIVE EMOTIONS AND PROSOCIAL BEHAVIOUR**  
**Bing-Tao Lee**, University of Cambridge, United Kingdom  
Koen Steemers

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11:30 - 11:45 **INTERMEDIATE SPACES OF THE NORTH: A BIOPHILIC APPROACH FOR INHABITANTS WELL-BEING AND ENERGY-EFFICIENT BUILDINGS**  
**Tarlan Abazari**, Universite Laval, Canada  
Andre Potvin, Claude Demers

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**"HERE WE CHAT" (MEAL TIME OR MIDNIGHT SNACK) 01**

VIRTUAL ROOM: 1

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12:00 - 13:00 **INFORMATION TO COME**

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**"HERE WE CHAT" (MEAL TIME OR MIDNIGHT SNACK) 02**

VIRTUAL ROOM: 2

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12:00 - 13:00 **INFORMATION TO COME**

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## Monday, June 22, 2020

### CONFERENCE OPENING

VIRTUAL ROOM: 1

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8:00 - 8:45 **WELCOME TO QUÉBEC!**  
**Karine Lehoux**, Eklosion, Canada

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### INTENSIVE SESSION (PART 01) - RENOVATING SCHOOL ESTATES WITH "PEOPLE IN MIND": THE CASES OF PORTUGAL, BELGIUM AND QUEBEC

VIRTUAL ROOM: 3

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8:55 - 9:25 **SCHOOL BUILDING REHABILITATION: TOWARDS A COLLABORATIVE DESIGN MODEL. THE PORTUGUESE EXPERIENCE**  
**Teresa V. Heitor**, Universidade Técnica de Lisboa, Portugal

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9:25 - 9:55 **SPACE, LEARNING AND PUBLIC POLICY: LESSONS FROM THE PORTUGUESE CASE**  
**Luísa Veloso**, Instituto Universitário de Lisboa ISCTE-IUL, Portugal

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### PAPER SESSION REG-15 - VIRTUAL REALITY TECHNOLOGIES IN P-E RESEARCH

VIRTUAL ROOM: 6

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8:50 - 9:04 **EXPERIMENTAL STUDY ON DEPTH PERCEPTION EVALUATION BASED ON ENVIRONMENTAL VISUAL INFORMATION WHILE CHANGING VIEW POINTS**  
**Haipeng Zhu**, School of architecture, Tianjin University, China  
Yuhang Kong, Christoph Hölscher, Ryuzo Ohno

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9:10 - 9:24 **VIRTUAL REALITY FOR OLDER ADULTS WITH MOVEMENT DISORDERS: A TOOL FOR CO-DESIGNING HOMES**  
**Shabboo Valipoor**, University of Florida, United States  
**Sherry Ahrentzen**, University of Florida, United States  
Ravi Srinivasan

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9:30 - 9:44 **COZY VS. CLAUSTROPHOBIC: UNDERSTANDING THE EFFECTS OF INDIVIDUAL DIFFERENCES AND SMALL HOUSING ELEMENTS ON USERS' PERCEPTIONS IN IMMERSIVE VR**  
**Anne Seoyoung Lee**, Cornell University, United States  
Jisun Lee, So-Yeon Yoon

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9:50 - 10:04 **DEVELOPING A RESEARCH METHOD FOR STUDYING HOME ENVIRONMENTS USING 3D SCANNING, WEARABLE TECHNOLOGY, AND ACCESSIBILITY SCORES**  
**Jung-hye Shin**, University of Wisconsin-Madison, United States  
Kevin Ponto, Youhung Her-Xiong, Ross Tredennik

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**PAPER SESSION SYM-02 - FOOD PRODUCTION AND PRACTICES**

VIRTUAL ROOM: 2

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- 8:50 - 9:04 **FLOURISHING GREEN CITIES: HARNESSING COLLECTIVE VISIONS OF GREEN ROOFS, WALLS, AND FACADES TO DEVELOP A ROADMAP FOR CHANGE**  
**Kate Lee**, University of Melbourne, Australia  
Leisa Sargent, Kathryn Williams, Nicholas Williams
- 
- 9:10 - 9:24 **BEYOND MOTIVATION: UNDERSTANDING BARRIERS TO PURCHASING SUSTAINABLE PALM OIL**  
**Cassandra Sundaraja**, University of New England, Australia  
Amy Lykins, Donald Hine
- 
- 9:30 - 9:44 **CAFETERIA ASSESSMENT FOR ELEMENTARY SCHOOLS (CAFES): BENEFITS AND CHALLENGES OF MOBILE APP DEVELOPMENT AND USE**  
**Kimberly Rollings**, University of Notre Dame, United States
- 
- 9:50 - 10:04 **EFFECT OF TIME AVAILABILITY AND OTHER CONTEXTUAL FACTORS ON THE QUALITY OF INDIVIDUAL DIETS**  
**Nazli Koseoglu**, James Hutton Institute, United Kingdom  
Tony Craig, Simone Piras
- 

**PAPER SESSION SYM-07 - AGING IN PLACE AND AGING IN THE RIGHT PLACE: UNDER WHAT CONDITIONS?**

VIRTUAL ROOM: 4

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- 8:50 - 9:04 **DOES COLLABORATIVE SELF-BUILD CONTRIBUTE TO SOCIAL COHESION AND SOCIAL SATISFACTION OF THE AGEING POPULATION?**  
**Pauline van den Berg**, Eindhoven University of Technology, Netherlands  
Jules Sanders, Stephan Maussen, Astrid Kemperman
- 
- 9:10 - 9:24 **SUPPORTING 'AGING IN PLACE' IN RURAL ENVIRONMENT''A TEMPORAL-SPATIAL BEHAVIOR STUDY ON ELDERLY'S DAILY LIFE PATTERN IN NORTH-ZHEJIANG**  
**Ziqi Zhang**, Shanghai Jiao Tong University, China
- 
- 9:30 - 9:44 **DECIDING TO STAY AT HOME OR MOVE: A REVIEW OF DECISION AID TOOLS FOR FRAIL OLDER ADULTS**  
**Noémie Roy**, Université Laval, Canada  
France Légaré, Carole Després
- 
- 9:50 - 10:04 **DECISION SUPPORT INTERVENTIONS FOR IMPROVED AGING AT HOME**  
**France Légaré**, Université Laval, Canada  
**Mayara Tavares**, Université Laval, Canada  
Danielle Caron, Juneara Tavares, Sabrina Guay-Bélanger, Louise Meijering, Jodi Sturge, Marie Elf, Susanna Nordin, Allyson Jones
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**SYMPOSIUM 04 - HOME AND TIME IN THE EXPERIENCE OF MIGRATION**

VIRTUAL ROOM: 5

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- 8:45 - 8:50 **INTRODUCTION**  
**Enric Pol**, University of Barcelona, Spain
- 
- 8:50 - 9:02 **TIME AND PLACE-MAKING IN THE AGE OF MIGRATION AND MOBILITY: REFLECTIONS ON THE CONCEPT OF APPROPRIATION 45 YEARS LATER**  
**Andrés Di Masso**, University of Barcelona, Spain  
**Enric Pol**, University of Barcelona, Spain  
Perla Serfaty-Garzon
- 
- 9:03 - 9:15 **RETURN MIGRATION: QUESTIONS OF HOME AND BELONGING IN RURAL IRELAND**  
**Christina Noble**, James Hutton Institute, United Kingdom
-

- 9:16 - 9:28 **EVOLUTION AND INTEGRATION OF THE GREEK COMMUNITY OF GREATER MONTREAL: A PERSPECTIVE ACROSS THREE GENERATIONS**  
**Athanasios Boutas**, Université de Montréal, Canada  
Sébastien Lord
- 
- 9:29 - 9:41 **URBAN SETTLEMENTS AND OBJECTS IN THE MIGRATORY EXPERIENCE IN SEARCH OF A NEW CHEZ-SOI. CASE ANALYSIS IN BARCELONA**  
**Angela Castrechini**, University of Barcelona, Spain  
Isabel Pellicer, Montserrat Morales, Maria Rosa Bonet, Enric Pol
- 
- 9:42 - 9:54 **OBJECTS FROM THE HOMETLAND. MIGRANTS SENSE OF HOME THROUGH THEIR EMOTIONAL RELATIONSHIP WITH CULTURALLY SIGNIFICANT THINGS.**  
**Enric Pol I Urrutia**, University of Barcelona, Spain  
Souad Larbi Messaoud Rahali, Sébastien Lord
- 
- 9:54 - 10:15 **DISCUSSION**  
**Sébastien Lord**, University of Montreal, Canada
- 

## **SYMPOSIUM 08 - APPROACHES TO BRIDGE COMMUNICATION CHALLENGES FOR NATURE CONSERVATION, SUSTAINABILITY, AND HEALTH PROMOTION**

VIRTUAL ROOM: 1

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- 8:45 - 8:50 **INTRODUCTION**  
**Maria Johansson**, Lund University, Sweden  
**Eike von Lindern**, University of Applied Sciences Darmstadt, Germany and Dialog N, Switzerland
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- 8:50 - 9:02 **DEVELOPMENT AND APPLICATION OF A THEORY-DRIVEN FRAMEWORK MODEL FOR MANAGERS, PRACTITIONERS AND RESEARCHERS IN ENVIRONMENTAL COMMUNICATION AND INTERVENTION PLANNING**  
**Eike von Lindern**, University of Applied Sciences Darmstadt, Germany and Dialog N, Switzerland  
Pamela Rackow
- 
- 9:03 - 9:15 **FARMERS AND THE MANAGEMENT OF WILD GEESE: EXPLORING INTERACTIONS BETWEEN THE INDIVIDUAL AND MANAGEMENT LEVELS**  
**Louise Eriksson**, Kristianstad University, Sweden  
Maria Johansson, Johan Månsson, Steven Redpath, Camilla Sandström, Johan Elmberg
- 
- 9:16 - 9:28 **DO WE NEED TO REFRAME OUR UNDERSTANDING OF ENVIRONMENTAL COMMUNICATION? BEYOND INSTRUMENTAL CONCEPTS OF COMMUNICATION FOR SUSTAINABILITY**  
**Anke Fischer**, Swedish University of Agricultural Sciences, Sweden  
Lars Hallgren, Kaisa Raitio, Erica von Essen
- 
- 9:29 - 9:41 **COMMUNICATION INTERVENTIONS TO ADDRESS PEOPLE'S FEAR OF LARGE CARNIVORES**  
**Maria Johansson**, Lund University, Sweden
- 
- 9:42 - 9:54 **HOW TO SUCCESSFULLY APPLY BEHAVIOUR CHANGE TECHNIQUES (BCTS) WITHIN THE FRAMEWORK MODEL TO FACILITATE COMMUNICATION FOR PROMOTING ENVIRONMENTALLY FRIENDLY BEHAVIOR**  
**Pamela Rackow**, University of Stirling, United Kingdom  
Eike von Lindern
- 
- 9:54 - 10:15 **DISCUSSION**  
**Maria Johansson**, Lund University, Sweden
- 

## **WORKSHOP 01**

VIRTUAL ROOM: 7

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- 8:45 - 10:15 **SENSE AND SENSIBILITY: A TIME TO RECONSIDER THE ROLE OF THE SENSES IN DESIGN AND EXPERIENCE OF USERS**  
**Susan Drucker**, Hofstra University, United States  
Gary Gumper, Peter Hecht, Richard Wener
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**YRW 04 - LIVING SPACES (PART 01)**

VIRTUAL ROOM: 8

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8:50 - 9:05 **OF HOMES, DOMAINS AND BOUNDARIES: INTERNATIONAL IMMIGRATION AND THE TRANSITION OF TORONTO'S POSTWAR SUBURBS SINCE 1980**  
**Giacomo Valzania**, McGill University, Canada

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9:20 - 9:35 **A KEY DESIGN PARAMETER FOR CARE UNITS INFLUENCING SOCIAL PARTICIPATION OF THE ELDERLY: DISTANCE FROM BEDROOM TO SITTING AREA**  
**Yizhe Wang**, Harbin Institute of Technology, China  
Dake Wei

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9:50 - 10:05 **THE EVALUATION OF PARTNERSHIP RESEARCH IN PLANNING AND ARCHITECTURE WITHIN INDIGENOUS COMMUNITIES: THEORETICAL PROSPECTS AND METHODOLOGICAL CHALLENGES**  
**Elisa Guin**, Université Laval, Canada

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**YRW 05 - SCHOOLS AND LEARNING ENVIRONMENTS (PART 01)**

VIRTUAL ROOM: 9

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8:50 - 9:05 **THE SCHOOL DESIGN PROCESS FOR FLEXIBLE LEARNING SPACES' APPLICATION: ESTABLISHING SUPPORTING TOOLS FOR THE PROCESS OF DESIGN AND RENOVATION OF SCHOOLS FOR ACTIVE LEARNING APPROACHES**  
**Gabriela Yoshitani da Luz**, Chiba University, Japan  
Kaname Yanagisawa

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9:20 - 9:35 **CO-PRESENCE IN THE SHARED STUDY SPACE: THE SPATIAL-TEMPORAL DIMENSION OF COLLEGE STUDENTS' SOCIAL NETWORKS**  
**Yaoyi Zhou**, Human Ecology College, Cornell University, United States

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9:50 - 10:05 **THE EVOLVING MODELS OF HIGH SCHOOL DESIGN AND HOW THEY IMPACT THE PLACE ATTACHMENT OF AUSTRALIAN ADOLESCENTS**  
**Tim Baber**, University of New South Wales, Australia

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**YRW 06 - URBAN ENVIRONMENT AND CITIZEN PARTICIPATION (PART 01)**

VIRTUAL ROOM: 10

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8:50 - 9:05 **SIGNS WITH A SIDE OF FRIES: THE INFLUENCE OF OUTDOOR ADVERTISING ON VISITS TO RETAIL FOOD OUTLETS BY ADOLESCENTS**  
**Alexander Wray**, Western University, Canada

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9:20 - 9:35 **THE IMPACT OF FLEXIBLE SPATIAL PLANNING ON PEOPLE AND ENVIRONMENT OVER TIME**  
**Antonia Stratmann**, RWTH Aachen University, Germany

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9:50 - 10:05 **A PATTERN LANGUAGE FOR URBAN COMMONS: RESIDENT PARTICIPATION IN UK COHOUSING SHARED LANDSCAPES**  
**Aimee Felstead**, University of Sheffield, United Kingdom

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**ACCORDING TO HOW YOU FEEL, MAKE YOUR CHOICE!**

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10:15 - 10:15 **ACTIVE BREAKS: STRETCHING AND CHAIR YOGA**

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10:15 - 10:15 **DISCOVER THE VIBRANT PUBLIC ART SCENE OF QUÉBEC CITY**

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10:15 - 10:15 **TUNE IN TO QUÉBEC'S MUSIC SCENE**

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10:15 - 10:15 **QUÉBEC WINTER WONDERLAND**

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**INTENSIVE SESSION (PART 02) - RENOVATING SCHOOL ESTATES WITH "PEOPLE IN MIND": THE CASES OF PORTUGAL, BELGIUM AND QUEBEC**

VIRTUAL ROOM: 3

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10:35 - 11:05 **"MY SCHOOL, A QUALITY SPACE": A GUIDE ON QUALITY SPACES FOR ORDINARY BASIC EDUCATION SCHOOLS IN THE BRUSSELS-CAPITAL REGION, BRUSSELS (BE)**  
**Marina Berbel**, +reseARCH, Belgium

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11:05 - 11:35 **GUIDELINES FOR RENOVATING QUEBEC'S PUBLIC SCHOOLS TO SUPPORT EDUCATIONAL SUCCESS**  
**Carole Després**, École d'architecture, Université Laval, Canada

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**PAPER SESSION SYM-04 - MIGRATION: IDENTITY, ATTACHMENT AND INCLUSION**

VIRTUAL ROOM: 5

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10:35 - 10:49 **IMAGE-MEDIATED PLACE ATTACHMENT AND MIGRATION: THE CASE OF JAPANESE ANIME PILGRIMAGE TOURISTS TO NUMAZU, THE CITY ILLUSTRATED IN 'LOVELIVE! SUNSHINE!'**  
**Mizuho Ara**, University of Tokyo, Japan  
Yurika Yokoyama

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10:55 - 11:09 **WELCOMING CHURCH SPACES: QUEER INCLUSION IN THE CHRISTIAN CHURCH BUILDING**  
**Taylor Mortorff**, State University of New York at Buffalo, United States

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11:15 - 11:29 **REVIEW OF RESEARCH ON IMMIGRATION, GREEN SPACE, ACCULTURATION AND PLACE BONDS**  
**Mohadeseh Mahmoudi**, University of Alberta, Canada  
Elizabeth Halpenny

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11:35 - 11:49 **URBAN DESIGN IN SUPPORT OF INTERCULTURAL COMMUNITIES**  
**Viraji Bandara**, University of Calgary, Canada  
David Monteyne

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**PAPER SESSION SYM-08 - TOWARDS SUSTAINABLE COMMUNITIES : RESEARCH, POLICY AND COMMUNICATION**

VIRTUAL ROOM: 1

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10:35 - 10:49 **SUSTAINABLE COMMUNITIES, ORGANIZATIONS AND PLACES: CHALLENGES OF OUR TIME AND BEYOND**  
**Susana Batel**, Instituto Universitário de Lisboa ISCTE-IUL, Portugal  
Daniela Craveiro, Maria Fernandes-Jesus, Miriam Rosa, Paula Castro, Sílvia Luís, Tânia Santos

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10:55 - 11:09 **TESTING COMBINED POLICIES OVER TIME FOR TRANSITIONS TO SUSTAINABLE MOBILITY: A SOCIAL SIMULATION APPROACH**  
**Ricardo García-Mira**, University of A Coruna, Spain

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11:15 - 11:29 **ENVIRONMENTAL CONCERN AND POLICY VIEWS IN RUSSIA: A MIXED-METHODS STUDY**  
**Elena Sautkina**, Higher School of Economics, Russian Federation

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11:35 - 11:49 **DESIGNING HEALTHY AFFORDABLE HOUSING THROUGH POLICY: A PERSPECTIVE FROM THE U.S.**  
**Sherry Ahrentzen**, University of Florida, United States  
Lynne Dearborne

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**SYMPOSIUM 02 - TIME FOR FOOD GROWING? EXPLORING RELATIONSHIPS BETWEEN FOOD GROWING, WELLBEING AND SUSTAINABLE ENVIRONMENTS OVER TIME**

VIRTUAL ROOM: 2

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10:30 - 10:35 **INTRODUCTION**

**Elizabeth Dinnie**, The James Hutton Institute, United Kingdom

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10:35 - 10:47 **TIME FOR TRANSFORMATION? TECHNOLOGY AND TRADITION IN FOOD GROWING PRACTICES IN URBAN AREAS**

**Elizabeth Dinnie**, The James Hutton Institute, United Kingdom

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10:48 - 11:00 **TRANSITION TOWARDS CLIMATE SMART AGRICULTURE - LONGITUDINAL EXPERIMENT OF THE VBN-THEORY**

**Jaana Sorvali**, Natural Resources Institute, Finland

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11:01 - 11:13 **MOTIVATIONS ON URBAN AGRICULTURE AS DETERMINANTS OF HEALTH IN DEPRIVED NEIGHBORHOODS: CASES OF TWO DIFFERENT CITIES**

**Pierre Paul Audate**, Université Laval, Canada

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11:14 - 11:26 **FOOD GROWING IN HOME GARDENS IN AND AROUND QUEBEC CITY: FROM PRAGMATIC TO EXPRESSIVE PRACTICES AND MEANINGS**

**Manon Boulianne**, Université Laval, Canada

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11:26 - 12:00 **DISCUSSION**

**Nazli Koseoglu**, The James Hutton Institute, United Kingdom

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**SYMPOSIUM 07 - DO OLDER ADULTS HAVE "THE RIGHT" TO AGE-IN-THE-RIGHT-PLACE?**

VIRTUAL ROOM: 4

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10:30 - 10:35 **INTRODUCTION**

**Sarah Canham**, University of Utah, United State

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10:35 - 10:47 **HOMEISM: NAMING DISCRIMINATION AGAINST PERSONS EXPERIENCING HOMELESSNESS**

**Sarah Canham**, University of Utah, United States  
Joe Humphries

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10:48 - 11:00 **THE ROLE OF COMMUNITY DEVELOPMENT INITIATIVES IN ADDRESSING HOUSING INSECURITY OF OLDER ADULTS IN AFFORDABLE RENTAL HOUSING: VANCOUVER BASED CASE STUDY**

**Muhammad Qureshi**, Simon Fraser University, Canada  
Atiya Mahmood, Ghazeleh Akbarnejad, Rahil Adeli, Carolina Ibarra

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11:01 - 11:13 **PROMISING PRACTICE MODELS THAT SUPPORT AGING IN THE RIGHT PLACE FOR OLDER PERSONS EXPERIENCING HOMELESSNESS IN MONTREAL, CALGARY, AND VANCOUVER**

**Christine A. Walsh**, University of Calgary, Canada  
Humphries Joe, Sarah Canham, Natasha Dharshi, Victoria Burns, Tamara Sussman, Jackson Hagner

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11:14 - 11:26 **SHELTER/HOUSING MODELS THAT SUPPORT AGING IN THE RIGHT PLACE FOR OLDER PERSONS EXPERIENCING HOMELESSNESS**

**Atiya Mahmood**, Simon Fraser University, Canada  
Joe Humphries, Piper Moore, Sarah Canham

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11:27 - 11:39 **'NIGHT SERVICES AT HOME': TOWARDS 'AGEING IN THE RIGHT PLACE' AT THE END-OF-LIFE**

**Mei Lan Fang**, University of Dundee, United Kingdom  
Judith Sixsmith, Alison Ward, Stephen Spiro

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11:39 - 12:00 **DISCUSSION**

**Sarah Canham**, University of Utah, United States

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**SYMPOSIUM 13 - USING FAMILIAR, BUT DIVERSE, METHODOLOGIES TO HELP PEOPLE ADAPT TO NEW TECHNOLOGIES IN CONTEMPORARY ENVIRONMENTS**

VIRTUAL ROOM: 6

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10:30 - 10:35 **INTRODUCTION**

**Jennifer Veitch**, National Research Council Canada, Canada

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10:35 - 10:47 **VIRTUAL FIRE, REAL BEHAVIOUR? USING IMMERSIVE TECHNOLOGY TO ASSESS AND IMPROVE FIRE EVACUATION**

**Max Kinateder**, National Research Council Canada, Canada  
Chunyun Ma

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10:48 - 11:00 **MODELLING THE VALUE TO ORGANIZATIONS OF SATISFYING ENVIRONMENTAL CONDITIONS**

**Jennifer A. Veitch**, National Research Council Canada, Canada  
Natalia Cooper

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11:01 - 11:13 **AIRCRAFT CABIN DESIGN AND PASSENGER COMFORT 'FACTORS TO CONSIDER IN IMPROVING PASSENGERS' EXPERIENCE**

**Natalia Cooper**, National Research Council Canada, Canada  
Shelley Kelsey, Alexandra Thompson

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11:14 - 11:26 **USING A GENETIC ALGORITHM APPROACH WITH A SPECTRALLY-TUNABLE LIGHTING SYSTEM TO IDENTIFY PREFERRED LIGHTING CONDITIONS**

**Jennifer Veitch**, National Research Council Canada, Canada  
Chantal Arsenault, Sandra Mancini, Henry Xue

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11:27 - 11:39 **USING FOCUS GROUPS TO UNDERSTAND THE IMPACT OF PUBLIC ATTITUDES AND VALUES AROUND INDOOR AIR QUALITY AND SUBSEQUENT TECHNOLOGY UPTAKE**

**Natalia Cooper**, National Research Council Canada, Canada  
Heather Molyneaux

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11:39 - 12:00 **DISCUSSION**

**Jennifer Veitch**, National Research Council Canada, Canada

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**WORKSHOP 02**

VIRTUAL ROOM: 7

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10:30 - 12:00 **IT'S ABOUT TIME: BODY CONSCIOUS DESIGN**

**Galen Crazz**, University of California at Berkeley, United States  
**Gourab Kar**, University of California at Berkeley, United States  
Chelsea Rushton

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**YRW 04 - LIVING SPACES (PART 02)**

VIRTUAL ROOM: 8

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10:35 - 10:50 **REVISITING GOVERNANCE ACCORDING TO THE PRISM OF DWELLING'S CULTURES: THE CASE OF THE HOUSING PRODUCTION SYSTEM IN NUNAVIK**

**Marika Vachon**, Université Laval, Canada

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11:05 - 11:20 **AN EXPERIMENTAL STUDY ON THE INFLUENCE OF ENVIRONMENTAL NOISE ON STUDENTS' EMOTION**

**Zhen Zhang**, Tongji University, China  
Lei quig Xu

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11:35 - 11:50 **HIDDEN IN PLAIN SIGHT: DESIGN ETHNOGRAPHY, SOCIAL JUSTICE, AND SEX WORK**

**Alison Grittner**, University of Calgary, Canada

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**YRW 05 - SCHOOLS AND LEARNING ENVIRONMENTS (PART 02)**

VIRTUAL ROOM: 9

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- 10:35 - 10:50 **EXPLORATION ON DIFFERENCES BETWEEN REALITY AND IMAGINATION IN FRESHMAN ARCHITECTURAL DESIGN COURSE**  
**Ting-Ting Cheng**, National Cheng Kung University, Taiwan (Republic of China)  
Li-wen Sung
- 
- 11:05 - 11:20 **THE TRANSFORMATION AND FLEXIBLE DESIGN STRATEGIES FOR FUTURE LEARNING ENVIRONMENT IN CHINA ON EVIDENCE-BASED RESEARCH**  
**Jie Ding**, South China University of Technology, China
- 
- 11:35 - 11:50 **WALKING TO SCHOOL OR BEING BROUGHT BY CAR? - ENVIRONMENTAL DETERMINANTS OF CHILDREN'S ACTIVE SCHOOL TRAVEL**  
**Juliane Schicketanz**, Helmholtz Centre for Environmental Research (UFZ), Germany  
Sigrun Kabisch, Tobia Lakes
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**YRW 06 - URBAN ENVIRONMENT AND CITIZEN PARTICIPATION (PART 02)**

VIRTUAL ROOM: 10

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- 10:35 - 10:50 **TRANSFORMING CITIES: CITIZEN PARTICIPATION IN URBAN PLANNING, THE CASE OF VALLCARCA, IN BARCELONA**  
**Laura Benítez**, Universitat de Barcelona, Spain
- 
- 11:05 - 11:20 **ARCHITECTURAL SPACE AND THE REPRODUCTION OF DOMESTIC IDEALS: FAMILIES NEGOTIATING CONTEMPORARY DOMESTICITY IN THE TYNESIDE FLATS**  
**Heba Sarhan**, Northumbria University, United Kingdom  
Rosie Parnell
- 
- 11:35 - 11:50 **THE DEVELOPMENT AND DECLINE OF THE CENTRAL PEDESTRIAN ZONE IN TIANJIN, CHINA**  
**Xiuchen Wu**, Peking University, China
- 

**LEARN ABOUT QUEBEC**

VIRTUAL ROOM: 1

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- 12:00 - 12:30 **NEW ENERGY FROM OLD BUILDINGS**  
**Odile Roy**, Université Laval, Canada
- 

**LEARN ABOUT QUEBEC**

VIRTUAL ROOM: 2

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- 12:00 - 12:30 **RETURNING THE SAINT LAWRENCE RIVER TO THE POPULATION: RECENT ACTIVE TRANSPORTATION PROJECTS FOR QUÉBEC CITY**  
**Peter Murphy**, Ville de Québec, Canada
- 

**LEARN ABOUT QUEBEC**

VIRTUAL ROOM: 3

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- 12:00 - 12:30 **LIVING IN NORTHERN QUEBEC**  
**Geneviève Vachon**, École d'architecture, Université Laval, Canada
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**YOUNG RESEARCHERS WORKSHOP**

VIRTUAL ROOM: 8

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- 12:05 - 13:05 **LET'S CELEBRATE**
-

## Tuesday, June 23, 2020

### NETWORK MEETING 01

VIRTUAL ROOM: 1

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7:00 - 7:55 **RESTORATIVE ENVIRONMENTS**  
**Eleanor Ratcliffe**, University of Surrey, United Kingdom  
**Stephanie Wilkie**, University of Sunderland, United Kingdom

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### NETWORK MEETING 02

VIRTUAL ROOM: 4

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7:00 - 7:55 **ENVIRONMENT AND GERONTOLOGY**  
**Adriana Portella**, Federal University of Pelotas, Brazil

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### NETWORK MEETING 03

VIRTUAL ROOM: 7

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7:00 - 7:55 **COMMUNICATION AND TECHNOLOGY & PLACE**  
**Susan Drucker**, Hofstra University, United States  
**Gary Gumpert**, Urban Communication Foundation, United States

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### GUEST SPEAKER

VIRTUAL ROOM: 1

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8:00 - 8:45 **COMMUNITY WITH PROPINQUITY: YOUR HEALTH AND THE BUILT ENVIRONMENT**  
**Anne Vernez Moudon**, University of Washington, United States

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### PAPER SESSION REG-03 - ENERGY SAVINGS AND WASTE REDUCTION BEHAVIORS AND ATTITUDES

VIRTUAL ROOM: 2

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8:50 - 9:04 **CHANGE, TIME AND SUSTAINABILITY: RATES OF CHANGE, THE SPEED OF TIME AND COORDINATING THE PACE OF MODERNITY WITH ENERGY CONSUMPTION**  
**Robert Adam**, University of Strathclyde, United Kingdom

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9:10 - 9:24 **INFLUENCE OF SLEEPINESS ON SUSTAINABLE ENERGY CHOICE NUDGES: LOSS FRAMING AND SOCIAL NORMS**  
**Naoko Kaida**, University of Tsukuba, Japan  
Kosuke Kaida, Nao Ishida

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9:30 - 9:44 **EXPLORING ATTITUDES AND BEHAVIORS TOWARDS WASTE REDUCTION: A SOCIAL MEDIA INTERVENTION STUDY**  
**Xun Liu**, University of Tsukuba, Japan  
Naoko Kaida, Liuna Geng, Ting Liu, Yuping Lin

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9:50 - 10:04 **REDUCING LITTER THROUGH SOCIAL NORMS FRAMING AND SOCIAL COMPARISON**  
**Sik Chuen Yu**, National University of Singapore, Singapore  
Bowen Tay, Roy Chen, Sharon Ng, Sonny Rosenthal, Rongjun Yu

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**PAPER SESSION REG-04 - GREEN BUILDINGS AND TECHNOLOGIES**

VIRTUAL ROOM: 6

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- 8:50 - 9:04 **CHOOSING GREEN: REWARDS AND BARRIERS FOR MUSEUMS COMMISSIONING LEED-CERTIFIED BUILDINGS**  
**Georgia Lindsay**, University of Tasmania, Australia  
 Laura Cole
- 
- 9:10 - 9:24 **THE IMPACT OF GREEN BUILDING CERTIFICATION ON ORGANIZATIONAL BEHAVIOR ISSUES: A REVIEW AND RESEARCH AGENDA**  
**Alexander Yuriev**, Concordia University, Canada
- 
- 9:30 - 9:44 **ARCHITECTURAL EXPERIMENTS AND USER COMFORT. THE COVERED COURTYARD HOUSING BUILDING AS AN ANSWER FOR AN ECOLOGICAL TRANSITION?**  
**Aline Barlet**, École nationale supérieure d'architecture et de paysage de Bordeaux, France  
 Christian Sallenave, Denis Bruneau, Emmanuel Mérida, Jean-Jacques Soulas
- 
- 9:50 - 10:04 **THE RIGHT LIGHT? HISTORY, ASSUMPTIONS, AND EXPECTATIONS IN RESIDENTIAL DAYLIGHTING DESIGN**  
**Terri Peters**, Ryerson University, Canada  
 Elizabeth De Jong
- 

**PAPER SESSION REG-05 - TRANSFORMATION, REGENERATION, CONSERVATION AND COLLECTIVE MEMORY**

VIRTUAL ROOM: 5

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- 8:50 - 9:04 **CONSERVATION OF TRADITIONAL STONE-DEFENSE FOR FLOOD AND LANDSLIDE: A STUDY FROM SHIGA PREFECTURE, JAPAN**  
**Chiho Ochiai**, Kyoto University, Japan
- 
- 9:10 - 9:24 **TERRITORIAL IDENTITY CONTINUITY THROUGH MEMORY: AN ANALYSIS OF FLOOD RISK MANAGEMENT**  
**Pierre Dias**, Laboratoire Espace, Université d'Aix Marseille, France  
 Samuel Robert, Hélène Rey-Valette, Nicole Lautrédou, Marie-Laure Trémélo, Alexandra Schleyer-Lindenmann
- 
- 9:30 - 9:44 **EFFECT OF COLLIERY COMPANY ON TRANSFORMATION OF COAL MINING CITIES AFTER CLOSING A MINE IN OMTA CITY, FUKUOKA PREFECTURE**  
**Sota Adachi**, The University of Tokyo, Japan  
 Toshio Otsuki, Naohiro Taniguchi, Atsuko Yasutake, Taisaku Hashimoto
- 
- 9:50 - 10:04 **EXPLORING URBAN TRANSFORMATIONS WITH THE AUDIENCE-CENTERED APPROACH: THE CASE OF TAJRISH NEIGHBORHOOD IN THE CITY OF TEHRAN**  
**Homa Hedayat**, York university, Canada
- 

**PAPER SESSION SYM-05 - STUDYING CHANGE THROUGH TIME**

VIRTUAL ROOM: 7

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- 8:50 - 9:04 **TO CHANGE OR NOT TO CHANGE: A MIXED-METHOD RETROSPECTIVE INVESTIGATION OF MOBILITY RESPONSES TO AN INVOLUNTARY WORKPLACE RELOCATION**  
**Zahra Zarabi**, University of Montreal, Canada  
 Sébastien Lord
- 
- 9:10 - 9:24 **COASTAL FLOODING IN TIME / A LOOK FROM TWO STUDIES**  
**Alexandra Schleyer-Lindenmann**, Aix-Marseille University, France  
 Séverin Guignard, Solveig Lelaurain, Samuel Robert, Raquel Bertoldo
- 
- 9:30 - 9:44 **POST-DISASTER RECOVERY IN JAPAN: A STUDY ON CHANGING HOUSEHOLD COMPOSITIONS AND HOUSING SUPPORT SYSTEM AFTER CROSS-BOUNDARY RELOCATION TO MORIOKA CITY**  
**Shiori Suzawa**, Tokyo University, Japan  
 Toshio Otsuki, Mari Sotoyanagi, Nobuyuki Arai, Saori Imoto
- 
- 9:50 - 10:04 **BUILDING AN EMPIRICALLY GROUNDED SOCIAL SIMULATION MODEL IN ORDER TO UNDERSTAND THE TEMPORAL DEVELOPMENT OF A WHOLE-CITY HEAT NETWORK**  
**Tony Craig**, The James Hutton Institute, United Kingdom  
 Doug Salt, Gary Polhill
-

**PAPER SESSION SYM-17 - PROENVIRONMENTAL BEHAVIORS: WHAT TRIGGERS THEM... OR NOT?**

VIRTUAL ROOM: 1

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- 8:50 - 9:04 **THE DRIVERS OF PRO-ENVIRONMENTAL BEHAVIOR IN RUSSIA: A CROSS-REGIONAL ANALYSIS**  
**Alexandra Ivanova**, Higher School of Economics, Russian Federation  
 Sautkina Elena
- 
- 9:10 - 9:24 **EXTENDING THE NORM ACTIVATION MODEL TO EXPLAIN OTHER-MANAGING BEHAVIORS TO REDUCE LITTERING IN THE COMMUNITY**  
**Sonny Rosenthal**, Nanyang Technological University, Singapore  
 Kang Leng Ho
- 
- 9:30 - 9:44 **ARE 'DRAGONS OF INACTION' AT WORK IN COMMUNITIES IN INDIA?**  
**Sarah Payne**, Heriot-Watt University, United Kingdom  
 Olufolahan Osunmuyiwa, P. Vigneswara Ilavarasan, David Jenkins
- 
- 9:50 - 10:04 **CAN ENVIRONMENTAL SELF-IDENTITY DIVERGE FROM INDIVIDUAL VALUES? BEHAVIOURAL INSIGHTS FROM RESIDENTIAL AIR CONDITIONING USE IN INDIA**  
**Olufolahan Osunmuyiwa**, Heriot-Watt University, United Kingdom  
 Sarah Payne, David Jenkins, Vigneswara Ilavarasan
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**SYMPOSIUM 09 - AUTONOMY AND INDEPENDENCE IN URBAN ENVIRONMENTS. BETWEEN YOUTH AND OLD AGE, WHAT INEQUALITIES AND OPPORTUNITIES OVER LIFE CYCLES?**

VIRTUAL ROOM: 4

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- 8:45 - 8:50 **INTRODUCTION**  
**Sébastien Lord**, Université de Montréal, Canada
- 
- 8:50 - 9:02 **METROPOLITAN MOBILITY OPTIONS VS MOBILITY IDENTITY: HOW MUCH HOUSEHOLDS' MOBILITY CHOICES ARE SELF-DETERMINED?**  
**Sébastien Lord**, University of Montréal, Canada  
 Gerber Philippe
- 
- 9:03 - 9:15 **WHEN CHILDREN UPGRADE TO MIDDLE SCHOOL: SMALL TRANSITION OR MAJOR CHANGE IN THEIR AUTONOMY?**  
**Sandrine Depeau**, Laboratoire ESO, Université de Rennes 2, France  
 Sonia Chardonnel, Kamila Tabaka, Eva Moffat, Sylvestre Duroudier, Boris Mericskay, Isabelle André-Poyaud, Arnaud Lepetit, Nicolas Pelletier
- 
- 9:16 - 9:28 **(IN)SECURITY, PUBLIC SPACE, AND YOUTH: ANALYZING URBAN DESIGN STRATEGIES NEAR UNIVERSITY CAMPUSES IN MEXICO**  
**Ramón Reyes Rodríguez**, Universidad de Guadalajara, Mexico  
 Torres Juan, Eliazar Reyes Rodríguez
- 
- 9:29 - 9:41 **RELATIONSHIPS TO TIME AND SPACE IN A CONTEXT OF URBAN TRANSITION: SOME FINDINGS FROM 'SPACE-TIME OF ACTION' ANALYSIS IN BOGOTÁ (1993-2009)**  
**Florent Demoraes**, UMR ESO - Université Rennes 2, France  
 Vincent Gouëset
- 
- 9:41 - 10:15 **DISCUSSION**  
**Sandrine Depeau**, Laboratoire ESO, Université de Rennes 2, France
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**SYMPOSIUM 12 - RENOVATING PUBLIC SCHOOLS FOR FUTURE GENERATIONS**

VIRTUAL ROOM: 3

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- 8:45 - 8:50 **INTRODUCTION**  
**Catinka Adriana Stan**, Université Laval, Canada
- 
- 8:50 - 9:02 **SCHOOLS AND COMMUNITIES: TEMPORAL CYCLES OF SOCIO-EDUCATIONAL POLICY AND BUILT ENVIRONMENT ENTANGLEMENTS**  
**Benjamin Cleveland**, University of Melbourne, Australia  
 Ian McShane, Philippa Chandler
- 
- 9:03 - 9:15 **A PICTURE IS WORTH 1,000 WORDS: WEBSITE IMAGES OF CLASSROOMS AND PERCEPTIONS OF THE INSTITUTION**  
**Ann Devlin**, Connecticut College, United States  
 Alaina Anderson, Sarah Hession-Kunz, Amy Zou
- 
- 9:16 - 9:28 **ODTT : OPEN DATA FOR TERRITORIES AND TEACHING: NEW SPACES FOR LEARNING**  
**Laurent Jeannin**, CY Cergy Paris Université, France
- 
- 9:29 - 9:41 **EDUCATION, TIME AND ARCHITECTURE: MILESTONES AND DISCOURSES OF THE PORTUGUESE CONTEXT**  
**Alexandra Alegre**, CITUA - Instituto Superior Técnico, University of Lisbon, Portugal
- 
- 9:42 - 9:54 **UNDERSTANDING THE PRIMARY SCHOOL SYSTEM'S ORGANIZATION AND GOALS WITH THE AIM OF A RENOVATION: THE CASE OF QUEBEC PROVINCE**  
**Mélanie Bédard**, Université de Montréal, Canada  
 Aurélie Étienne, Laurianne Delisle-Côté, Yohan Gauthier-Jutras, Sophie Loisel
- 
- 9:54 - 10:15 **DISCUSSION**  
**Mélanie Bédard**, Université de Montréal, Canada  
**Catinka Adriana Stan**, Université Laval, Canada
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**ACCORDING TO HOW YOU FEEL, MAKE YOUR CHOICE!**

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- 10:15 - 10:15 **ACTIVE BREAKS: STRETCHING AND CHAIR YOGA**
- 
- 10:15 - 10:15 **DISCOVER THE VIBRANT PUBLIC ART SCENE OF QUÉBEC CITY**
- 
- 10:15 - 10:15 **TUNE IN TO QUÉBEC'S MUSIC SCENE**
- 
- 10:15 - 10:15 **QUÉBEC WINTER WONDERLAND**
- 

**PAPER SESSION REG-11 - BIOPHILIC DESIGN**

VIRTUAL ROOM: 6

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- 10:35 - 10:49 **TOWARD THE LAYOUT OF SEATING AREAS FOR RESTORATION FROM MUSEUM FATIGUE –BASED ON A BEHAVIORAL OBSERVATION SURVEY**  
**Dukwoo Kim**, University of Tokyo, Japan  
 Yurika Yokoyama
- 
- 10:55 - 11:09 **INDOOR VEGETATION AND AIRPORT WAIT TIME: SIMULATION STUDY ON BENEFITS OF POSITIVE DISTRACTION ON TIME PERCEPTION, CROWDING, AND ANXIETY**  
**So-Yeon Yoon**, Cornell University, United States
- 
- 11:15 - 11:29 **INTEGRATING NATURE IN CAMPUS SETTINGS THROUGH BIOPHILIC PRINCIPLES AND PATTERNS**  
**Susana Alves**, Sapienza Università di Roma, Italy  
 Gowri Betrabet Gulwadi, Pia Nilsson
- 
- 11:35 - 11:49 **POSITIVE DISTRACTIONS WITH BIOPHILIC DESIGN IN THE ED WAITING VIRTUAL ROOM: EMPIRICAL STUDY WITH IMMERSIVE VR ENVIRONMENTS USING SELF-REPORTS AND EYE-TRACKING**  
**Jisun Lee**, Cornell University, United States  
 So-Yeon Yoon
-

**PAPER SESSION REG-18 - LARGE SCALE AND MICRO-SCALE APPROACHES TO STUDYING P-E RELATIONS**

VIRTUAL ROOM: 5

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- 10:35 - 10:49 **EXPERIMENTAL STUDY ON PASSENGERS' SIGN DETECTION TENDENCY IN RAILROAD STATION**  
**Zongchao Gu**, Dalian University of Technology, China  
Ryuzo Ohno, Wei Lu, HAI BI
- 
- 10:55 - 11:09 **CONNECTING A STEERING WHEEL TO OUR DATA DASHBOARD: USING BIG DATA TO ANSWER PLAIN-LANGUAGE QUESTIONS ABOUT URBAN SUSTAINABILITY**  
**Ty Tuff**, McGill University, Canada  
Kevin Manaugh, David Wachsmuth, Andrew Gonzalez
- 
- 11:15 - 11:29 **AFFECTIVE MAPS: AN ACTIVE AND PARTICIPATIVE METHOD FOR RESEARCH AND INTERVENTION IN ENVIRONMENTAL PSYCHOLOGY**  
**Zulmira Áurea Cruz Bomfim**, Universidade Federal do Ceará, Brazil  
Andersson de Castro Lima
- 
- 11:35 - 11:49 **DIFFERENCES IN EYE MOVEMENTS WHILE VIEWING URBAN IMAGES AND IMAGES OF TREES IN DIVERSE VEGETATION PERIODS**  
**Marek Franek**, University of Hradec Králové, Czech Republic  
Jan Petruzalek, Denis Sefara
- 

**PAPER SESSION SYM-09 - ADAPTING THE BUILT ENVIRONMENT TO TRANSITION AND CHANGE OVER THE LIFE-CYCLE**

VIRTUAL ROOM: 4

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- 10:35 - 10:49 **SHARED HOUSING: SHORT-TERM LIVING OR ALTERNATIVE LIFESTYLE?**  
**Nahyang Byun**, Chungbuk National University, Korea, Republic of (South Korea)
- 
- 10:55 - 11:09 **ADOLESCENT DEVELOPMENT AND THE BUILT ENVIRONMENT: GENERATING INTERDISCIPLINARY KNOWLEDGE FOR EVIDENCE-INFORMED URBAN DESIGN**  
**Alison Grittner**, University of Calgary, Canada  
Deinera Exner-Cortens
- 
- 11:15 - 11:29 **MOBILITY AND LIFESTYLES AMONG OLDER ADULTS: TRANSITIONS AND BIFURCATIONS IN MOBILITY STRATEGIES AFTER RETIREMENT**  
**Michel Després**, Université Laval, Canada
- 
- 11:35 - 11:49 **RE-USE OF EMPTY BUILDINGS FOR EPHEMERAL LIVING SPACES IN CITIES**  
**Jaufret Barrot**, Hors-pistes architectures, France
- 

**PAPER SESSION SYM-12 - SCHOOLS ENVIRONMENTS, BEYOND THE CLASSROOMS**

VIRTUAL ROOM: 3

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- 10:35 - 10:49 **INVESTIGATING A SALUTOGENIC APPROACH TO THE DESIGN OF SCHOOL COUNSELING SPACES**  
**Gowri Betrabet Gulwadi**, University of Northern Iowa, United States  
Darcie Davis-Gage, Emily Barnes
- 
- 10:55 - 11:09 **AT THE EDGE OF SCHOOL ARCHITECTURE: INDOOR-OUTDOOR INTERFACES IN QUEBEC**  
**Melanie Watchman**, Université Laval, Canada
- 
- 11:15 - 11:29 **CHILD'S SPATIAL EXPERIENCE THROUGH PLAYING IN THE INTERFACING SPACES OF PRIMARY SCHOOLS' INDOOR AND OUTDOOR AREAS**  
**Busra Atam**, Bahcesehir University, Turkey  
Mehmet Emin Salgamcioglu
- 
- 11:35 - 11:49 **BETTER PLACES FOR LEARNING AT TIMES OF CHANGE: CONTEMPORARY DESIGN PATTERNS FOR FUTURE SCHOOLS**  
**Pedro Gonçalves**, University of Campinas, Brazil  
Benjamin Cleveland, Doris Kowaltowski
-

**SYMPOSIUM 05 - LONG-TERM STUDIES - BENEFITS AND PITFALLS**

VIRTUAL ROOM: 7

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- 10:30 - 10:35 **INTRODUCTION**  
**Sigrun Kabisch**, Helmholtz Centre for Environmental Research, Germany
- 
- 10:35 - 10:47 **LONG-TERM HOUSING STUDIES TO ESTABLISH USER VALUES**  
**Doris Kowaltowski**, University of Campinas UNICAMP, Brazil  
 Sílvia Pina, Regina Ruschel, Ariovaldo Granja, Daniel de Carvalho Moreira
- 
- 10:48 - 11:00 **REFLECTING A 40-YEAR LONG-TERM STUDY ON THE DEVELOPMENT OF A HOUSING DISTRICT - BENEFITS AND LIMITATIONS**  
**Sigrun Kabisch**, Helmholtz Centre for Environmental Research, Germany
- 
- 11:01 - 11:13 **CONDUCTING A 'REAL-WORLD', LONG-TERM STUDY WITH CHANGING USER GROUPS: CHALLENGES AND OPPORTUNITIES**  
**Edward Edgerton**, University of the West of Scotland, United Kingdom  
 Jim McKechnie
- 
- 11:14 - 11:26 **SUSTAINABLE CHANGE? CONDITIONS FOR LONG-TERM EFFECTS OF PRO-ENVIRONMENTAL BEHAVIOR INTERVENTION PROGRAMS**  
**Henk Staats**, Leiden University, Netherlands
- 
- 11:27 - 11:39 **GAZING INTO THE FUTURE' LONG TERM STUDIES AND SCIENTIFIC CRYSTAL BALLS?**  
**Luisa Lima**, ISCTE-IUL, Portugal
- 
- 11:39 - 12:00 **DISCUSSION**  
**Sigrun Kabisch**, Helmholtz Centre for Environmental Research, Germany  
**Sébastien Lord**, University of Montreal, Canada
- 

**SYMPOSIUM 14 - RECOVERING THE PAST TO PLAN THE FUTURE: WALKABILITY AS AN ALTERNATIVE FOR SUSTAINABLE MOBILITY IN CITIES**

VIRTUAL ROOM: 2

- 
- 10:30 - 10:35 **INTRODUCTION**  
**Pablo Páramo**, UNIVERSIDAD PEDAGOGICA NACIONAL, Colombia
- 
- 10:35 - 10:47 **WALKABILITY IN LATIN AMERICAN CITIES: PURPOSES PURSUED BY ITS INHABITANTS AND CONDITIONS THAT HAVE MAKE THEM WALKABLE THROUGH TIME**  
**Pablo Páramo**, UNIVERSIDAD PEDAGOGICA NACIONAL, Colombia  
 Andrea Burbano
- 
- 10:48: - 11:00 **WALKABILITY AS HISTORICAL, PHENOMENOLOGICAL AND SOCIAL EXPERIENCE. APPROACHES FROM LATIN AMERICAN CITIES**  
**Miguel-Angel Aguilar**, Universidad Autónoma Metropolitana - Iztapalapa, Mexico
- 
- 11:01 - 11:13 **WALKABILITY SURVEY AND OPTIMIZATION DESIGN RESEARCH OF SUBWAY STATION AND ITS CATCHMENT AREA IN WINTER CITIES OF CHINA**  
**Yu Du**, Harbin Institute of Technology, China  
 Jianfei Chen, Xian Ji
- 
- 11:14 - 11:26 **SOCIO-PSYCHOLOGICAL DRIVERS OF SUSTAINABLE TRAVEL CHOICES: FIRST RESULTS OF A MULTIDISCIPLINARY PROJECT IN THE CITY OF CAGLIARI (SARDINIA, ITALY)**  
**Ferdinando Fornara**, University of Cagliari, Italy  
 Sara Manca, Oriana Mosca, Eleonora Sottile, italo Meloni
- 
- 11:27 - 11:39 **FOSTERING ACCEPTABILITY OF SOCIALLY-INNOVATIVE ENERGY PROJECTS: FOSTERING SUSTAINABLE MOBILITY THROUGH SUPERBLOCKS IN SPAIN**  
**Adina Dumitru**, University of A Coruña, Spain  
 Isabel Lema
- 
- 11:39 - 12:00 **DISCUSSION**
-

**SYMPOSIUM 17 - SINS OF OMISSION: "THE ENVIRONMENT'S IN TROUBLE, BUT I'M NOT DOING MUCH TO AMELIORATE THE PROBLEM"**

VIRTUAL ROOM: 1

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10:30 - 10:35 **INTRODUCTION**

**Rober Gifford**, University of Victoria, Canada

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10:35 - 10:47 **USING BEHAVIORAL SCIENCE TO REDUCE ENERGY USE AT HOME**

**Reuven Sussman**, American Council for an Energy-Efficient Economy, United States  
Emma Cooper

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10:48 - 11:00 **SOCIAL PERCEPTIONS OF ENVIRONMENTALISTS**

**Elizabeth (Liz) Williams**, University of Victoria, Canada

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11:01 - 11:13 **MESSAGE VS MESSENGER: A FEW DEPRESSING REALITIES ABOUT CLIMATE CHANGE COMMUNICATION**

**Donald Hine**, University of Canterbury, New Zealand

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11:14 - 11:26 **PSYCHOLOGICAL DISTANCE AND THE THEORY OF PLANNED BEHAVIOR IN SUSTAINABLE FOOD CHOICES**

**Peter Sugrue**, University of Victoria, Canada

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11:26 - 11:47 **DISCUSSION**

**Rober Gifford**, University of Victoria, Canada

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**JOIN AN INFORMAL CONVERSATION ABOUT PERSON-ENVIRONMENT ISSUES**

VIRTUAL ROOM: 1

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12:00 - 13:00 **ENVIRONMENTAL HAZARD ADAPTATION AND PRO-ENVIRONMENT BEHAVIORS**

**Henk Staats**, Leiden University, Netherlands

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**JOIN AN INFORMAL CONVERSATION ABOUT PERSON-ENVIRONMENT ISSUES**

VIRTUAL ROOM: 2

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12:00 - 13:00 **URBAN SUSTAINABILITY: RESEARCH, PROJECTS AND POLICIES**

**Susana Batel**, Instituto Universitário de Lisboa ISCTE-IUL, Portugal

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**JOIN AN INFORMAL CONVERSATION ABOUT PERSON-ENVIRONMENT ISSUES**

VIRTUAL ROOM: 3

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12:00 - 13:00 **TOWARDS DIVERSE CITIES, INCLUSIVE OF ALL AGE AND SOCIOCULTURAL GROUPS**

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**JOIN AN INFORMAL CONVERSATION ABOUT PERSON-ENVIRONMENT ISSUES**

VIRTUAL ROOM: 4

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12:00 - 13:00 **PLACE MEANING, REPRESENTATIONS AND ATTACHMENT**

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**JOIN AN INFORMAL CONVERSATION ABOUT PERSON-ENVIRONMENT ISSUES**

VIRTUAL ROOM: 5

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12:00 - 13:00 **HEALTHY AND COMFORTABLE ENVIRONMENTS FOR EVERYDAY SETTINGS**

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**JOIN AN INFORMAL CONVERSATION ABOUT PERSON-ENVIRONMENT ISSUES**

VIRTUAL ROOM: 6

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12:00 - 13:00 **VIEWS ON PERSON-ENVIRONMENT THEORY, METHODS AND ISSUES**

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## Wednesday, June 24, 2020

### COVID-19 FORUM 01

VIRTUAL ROOM: 1

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7:00 - 7:55 **IMPACTS OF THE PANDEMIC ON HOUSING**  
**Roberta Feldman**, University of Illinois at Chicago, United States

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### COVID-19 FORUM 02

VIRTUAL ROOM: 3

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7:00 - 7:55 **PROMISES FROM THE DIGITAL WORLD DURING/AFTER COVID CONFINEMENT**  
**Gary Gumpert**, Urban Communication Foundation, United States

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### COVID-19 FORUM 03

VIRTUAL ROOM: 7

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7:00 - 7:55 **DESIGN AND RESEARCH DURING AND AFTER THE PANDEMIC**  
**Aleya Abdel-Hadi**, University of Helwan, Egypt

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### GUEST SPEAKER

VIRTUAL ROOM: 1

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8:00 - 8:45 **GRAND DESIGNS FOR DESIGN POLICY: THE HIGH LIFE STUDY EVALUATION OF APARTMENT DESIGN AND HEALTH**  
**Sarah Foster**, The Centre for Urban Research, RMIT University, Australia

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### PAPER SESSION REG-02 - UNIVERSITY CAMPUSES: INNOVATIVE METHODS FOR PLANNING AND DESIGN

VIRTUAL ROOM: 2

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8:50 - 9:04 **AN APPLICATION STUDY OF SPACE SYNTAX TO THE INNOVATION-DRIVEN RENEWAL OF SCUT CAMPUS**  
**Yubo Liu**, South China University of Technology; State Key Laboratory of Subtropical Building Science, China  
Mian Ji, Xueqing Hu, Qiaoming Deng

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9:10 - 9:24 **AN ANALYSIS OF THE EVOLUTION TREND OF THE CAMPUS BOUNDARY SPACE OF CHINESE UNIVERSITIES BASED ON THE USER'S BEHAVIORAL NEEDS**  
**Ke Fang**, Dalian University of Technology, China  
Bo Zhou

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9:30 - 9:44 **OPTIMIZING ANDRAGOGICAL STRATEGIES THROUGH INTERIOR EDUCATIONAL SPACES**  
**Aleya Abdel-Hadi**, University of Helwan, Egypt  
**Ingy Zeini**, October University for Modern Science and Arts, Egypt  
Heba Eissa

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**PAPER SESSION REG-12 - THE HUMAN BENEFITS OF FOREST, BIODIVERSITY, AND GREEN SPACES**

VIRTUAL ROOM: 1

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- 8:50 - 9:04 **AN EXPERIMENTAL STUDY ON THE EFFECTS OF THE VIRTUAL GREEN FOREST LANDSCAPE ON WORKING PERFORMANCE**  
**Shokatsu Chen**, The University of Tokyo, Japan  
Yurika Yokoyama
- 
- 9:10 - 9:24 **THE EFFECTS OF 120 MINUTES IN THE FOREST: A US-BASED FEASIBILITY STUDY OF FOREST BATHING**  
**Sara Warber**, University of Michigan, United States  
Katherine Irvine
- 
- 9:30 - 9:44 **THE SUSTAINABLE EVOLUTION OF AN URBAN CEMETERY**  
**Ruth Rae**, New York University Tandon School of Engineering, United States
- 
- 9:50 - 10:04 **FOSTERING ACTIVISM AND WELL-BEING THROUGH NATURE-PLACE-MAKING: A MIXED METHODS APPROACH**  
**Yohei Kato**, Singapore University of Technology and Design, Singapore  
Diana Benjumea, Keng Hua Chong
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**PAPER SESSION REG-19 - PRE AND POST DESIGN EVALUATION**

VIRTUAL ROOM: 7

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- 8:50 - 9:04 **IT'S TIME TO RETHINK THE POE: USING LONGITUDINAL RESEARCH METHODS TO BETTER UNDERSTAND AND INTERPRET HUMAN-ENVIRONMENT INTERACTIONS**  
**Renaë Rich**, HDR, United States  
Francesca Jimenez
- 
- 9:10 - 9:24 **RESEARCH ON INDOOR ENVIRONMENT OF OUTPATIENT DEPARTMENT OF SMART GENERAL HOSPITAL BASED ON USER NEEDS**  
**Mengqi Li**, Tongji University, China  
Leiquig Xu
- 
- 9:30 - 9:44 **MAKING THE CASE FOR NATURE: TRAUMA INFORMED DESIGN + BUILD FOR CHILDREN**  
**Julie Stevens**, Iowa State University, United States  
Amy Wagenfeld, Chad Kennedy
- 

**PAPER SESSION SYM-01 - ENVIRONMENTAL EXPERIENCES AND CHILD DEVELOPMENT**

VIRTUAL ROOM: 3

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- 8:50 - 9:04 **GROWING UP IN CITIES IN THE EARLY 21ST CENTURY**  
**Angela Kreutz**, Deakin University, Australia  
Beau Beza
- 
- 9:10 - 9:24 **STOCHASTIC ENVIRONMENTAL PROPERTIES AND EARLY CHILD DEVELOPMENT**  
**Gary Evans**, Cornell University, United States  
Stacey Doan
- 
- 9:30 - 9:44 **CONNECTING WITH NATURE, ACKNOWLEDGING ENVIRONMENTAL LOSS, AND FINDING HOPE**  
**Louise Chawla**, University of Colorado, United States
- 
- 9:50 - 10:04 **PLAY-BASED LEARNING USING GARDENS IN EARLY CHILDCARE CENTERS: THE IMPORTANCE OF LOCATION, USABILITY, AND INCORPORATION IN CHILDRENS DAILY ROUTINES**  
**Nicole Yantzi**, Laurentian University, Canada  
Yovita Gwekwerere
-

**PAPER SESSION SYM-03 - REPRESENTATIONS, IDENTITY AND PLACE ATTACHMENT**

VIRTUAL ROOM: 5

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- 8:50 - 9:04 **CONSERVATION CONSIDERATION ON OLD ASIAN ALLEYWAYS IN JAPANESE AND CHINESE RESIDENTS AND ITS RELATIONSHIPS TO ENVIRONMENTAL APPRAISALS**  
**Jinqi Li**, The University of Tokyo, Japan  
 Yurika Yokoyama
- 
- 9:10 - 9:24 **THE ROLE OF "PLACEMAKING" IN SUSTAINABLE TOWN DEVELOPMENT FROM THE VIEWPOINT OF ENVIRONMENT BEHAVIOR STUDY**  
**Shuang Yan Ishii**, Miyagi Gakuin Women's University, Japan
- 
- 9:30 - 9:44 **(MARKET-)PLACEMAKING AMIDST TRANSFORMATIONS: THE CASE OF THE SHELL CRAFTSMEN COMMUNITIES IN SHAKHARI BAZAR IN 'OLD' DHAKA, BANGLADESH**  
**Zahedus Sadat**, DORPAN, Bangladesh  
**Bidita Jawher Tithi**, DORPAN, Bangladesh
- 
- 9:50 - 10:04 **REPRESENTATIONS OF HOUSING AND PEOPLE-ENVIRONMENT RELATIONS: THE CASE OF TOURISTIFICATION IN LISBON**  
**Susana Batel**, Cis, University Institute of Lisbon, Portugal  
 Maria Fernandes-Jesus, Raquel Correia
- 

**PAPER SESSION SYM-06 - HOUSING CHOICE AND ACTIVITY SPACES ALONG THE LIFE CYCLE**

VIRTUAL ROOM: 4

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- 8:50 - 9:04 **PLACES OF CREATIVE AGEING: LIFE STRATEGIES REGISTERED IN PHOTO-DIARIES IN THE CITIES OF PELOTAS, BELO HORIZONTE AND BRASÍLIA**  
**Adriana Portella**, Federal University of Pelotas, Brazil  
 Sirlene de Mello Sopeña, Lorena Maia Resende, Tanara Gomes da Costa, Adriana Portella
- 
- 9:10 - 9:24 **PLACE-MAKING WITH OLDER ADULTS: HOW CAN COMMUNITIES BE DESIGNED TO BETTER INTEGRATE THE SENSE OF PLACE NEEDS?**  
**Adriana Portella**, Federal University of Pelotas, Brazil  
 Sinval Cantarelli Xavier, Tanara Gomes da Costa Medeiros, Sirlene de Mello Sopeña, Ryan Woolrych
- 
- 9:30 - 9:44 **OBSERVED AND REPORTED ACTIVITY SPACES OF TEENAGERS: ANALYZING DIFFERENCES BETWEEN MOBILE GPS COLLECTED AND PARTICIPANT REPORTED SPATIOTEMPORAL LOCATIONS**  
**Alexander Wray**, Western University, Canada  
 Jason Gilliland
- 
- 9:50 - 10:04 **UNVEILING THE INTERTWINED EFFECTS OF LIFECYCLE, ATTITUDES, PREFERENCES AND CONSTRAINTS ON THE SATISFACTION OF HOUSING CHOICES AND URBAN SPRAWL**  
**Marius Thériault**, Université Laval, Canada  
 Marie-Hélène Vandersmissen
- 

**SYMPOSIUM 19 - TIME, HEALTH AND SUSTAINABILITY IN WORK AND LIFE: NEW WAYS OF WORKING AT UNIVERSITIES, OUTDOORS OFFICES, AND URBAN CO-LIVING**

VIRTUAL ROOM: 6

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- 8:45 - 8:50 **INTRODUCTION**  
**Lucia Rotenberg**, Oswaldo Cruz Foundation, Brazil
- 
- 8:50 - 9:02 **LIFE ACCELERATION, WORK INTENSIFICATION AND HEALTH IN CONTEMPORARY SOCIETIES, WITH EMPHASIS ON UNIVERSITIES**  
**Lucia Rotenberg**, Oswaldo Cruz Foundation, Brazil
-

- 9:03 - 9:15 **OUTDOOR OFFICE WORK BENEFITS AND CHALLENGES OF INTEGRATING URBAN OUTDOOR SPACES INTO EVERYDAY WORKING LIFE**  
**Charlotte Petersson**, Malmö University, Sweden
- 
- 9:16 - 9:28 **PLACE-MAKING IN TRANSIENT KNOWLEDGE WORKSPACES: A CASE STUDY OF THE GRADUATE CENTER, CITY UNIVERSITY OF NEW YORK (CUNY), USA**  
**Manju Adikesavan**, The Graduate Center, City University of New York (CUNY), United States
- 
- 9:29 - 9:41 **NEW WAYS OF WORKING AND ORGANIZING WORKSPACE IN THE ACADEMIA ' BOUNDARYLESS OFFICES, WORK ENVIRONMENT AND HEALTH AMONG UNIVERSITY EMPLOYEES**  
**Susanna Toivanen**, Mälardalens Högskola, Sweden  
Christin Mellner, Josefin Björk, Tuija Muhonen, Hanne Berthelsen
- 
- 9:41 - 10:15 **DISCUSSION**  
**Susanna Toivanen**, Mälardalens Högskola, Sweden
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## ACCORDING TO HOW YOU FEEL, MAKE YOUR CHOICE!

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- 10:15 - 10:15 **ACTIVE BREAKS: STRETCHING AND CHAIR YOGA**
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- 10:15 - 10:15 **DISCOVER THE VIBRANT PUBLIC ART SCENE OF QUÉBEC CITY**
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- 10:15 - 10:15 **TUNE IN TO QUÉBEC'S MUSIC SCENE**
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- 10:15 - 10:15 **QUÉBEC WINTER WONDERLAND**
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## PAPER SESSION REG-10 - THE RESTORATIVE CONTRIBUTION OF NATURE AND BUILT ENVIRONMENTS

VIRTUAL ROOM: 1

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- 10:35 - 10:49 **EFFICACY OF NATURE-BASED INTERVENTIONS TO IMPACT HEALTH BEHAVIOR AND HEALTH-RELATED OUTCOMES: A SCOPING REVIEW OF LOCATION AND DURATION**  
**Stephanie Wilkie**, University of Sunderland, United Kingdom
- 
- 10:55 - 11:09 **ENVIRONMENT TYPE AND PLACE PREFERENCE INTERACTION: IMPACTS ON PERCEIVED RESTORATION POTENTIAL AND MOOD FOLLOWING BRIEF ONLINE EXPOSURE**  
**Stephanie Wilkie**, University of Sunderland, United Kingdom
- 
- 11:15 - 11:29 **THE IDENTIFICATION AND EVALUATION ON RESTORATIVE STREETSCAPE ELEMENTS' A CASE STUDY OF DAXUE ROAD IN SHANGHAI, CHINA**  
**Yuting Yin**, The University of Sheffield, Great Britain  
Yuhan Shao, Thwaites Kevin
- 
- 11:35 - 11:49 **INVESTIGATING POSITIVE AND THREAT-BASED AWE IN NATURAL AND BUILT ENVIRONMENTS**  
**Hanna Negami**, University of Waterloo, Canada  
Colin Ellard
- 

## PAPER SESSION SYM-19 - RETHINKING THE WORKPLACE WITH WELLNESS IN MIND

VIRTUAL ROOM: 6

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- 10:35 - 10:49 **USING TIME-IN-PLACE TO MANAGE BURNOUT AND ENGAGEMENT**  
**Sally Augustin**, Design With Science, United States
- 
- 10:55 - 11:09 **THE MULTI-SITE EXPANSION OF WORK AT HOME - IN SEARCH OF TIME SAVINGS**  
**Tanguy Dufournet**, Université Lumière Lyon 2, France  
Tanguy Dufournet
-



11:15 - 11:29 **WORKPLACE ENVIRONMENTAL QUALITY AND ITS IMPACT ON WORKERS' POSITIVE WELLBEING: THE MEDIATING ROLE OF AN INNOVATIVE AND FLEXIBLE ORGANIZATIONAL CLIMATE**  
**Simon Coulombe**, Wilfrid Laurier University, Canada  
Sophie Meunier, Patrick Voyer

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11:35 - 11:49 **RELATION TO TIME AND SPACE IN A HOST ENVIRONMENT: BUILDING A HOME AS A STUDENT OR MOBILE PROFESSIONAL**  
**Jaufret Barrot**, Hors-pistes architectures, France  
Lopez Yoann, Henrio Terangi, Bois Jacques

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## **SYMPOSIUM 01 - PROCESSES, PRACTICES & POLICIES TO PROMOTE THE INCLUSION OF YOUTH IN THE PUBLIC REALM**

**VIRTUAL ROOM: 3**

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10:30 - 10:35 **INTRODUCTION**  
**Louise Chawla**, University of Colorado, United States

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10:35 - 10:47 **CHILD-FRIENDLY STREETS: THE IMPORTANCE OF DEVELOPMENTAL APPROACHES IN URBAN DESIGN AND PLANNING**  
**Juan Torres**, Université de Montréal, Canada

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10:48 - 11:00 **TURNING YOUNG PEOPLE'S IDEAS INTO ACTION: LEARNING FROM LONG-TERM PARTNERSHIPS FOR CHILD AND YOUTH PARTICIPATION**  
**Louise Chawla**, University of Colorado, United States  
Mara Mintzer

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11:01 - 11:13 **PUBLIC SPACE, MOBILITY, AND EXCLUSION FROM THE POINT OF VIEW OF YOUNG WOMEN: A PARTICIPATORY ACTION-RESEARCH IN ZAPOPAN, MEXICO**  
**Amélie Boudot**, Université de Montréal, Canada  
Juan Torres, Alejandra Leal

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11:14 - 11:26 **THE MISSION: ENGAGING ABORIGINAL AUSTRALIAN CHILDREN IN THE REDESIGN OF COMMUNITY PUBLIC SPACES**  
**Angela Kreutz**, Deakin University, Australia

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11:27 - 11:39 **LISTENING TO CHILDREN: TRANSFORMING THE APPROACH TO PLAY AREA DESIGN**  
**Hisham Gabr**, The American University in Cairo, Egypt  
Aliaa Maged Kamal

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11:39 - 12:00 **DISCUSSION**  
**Louise Chawla**, University of Colorado Boulder, United States

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## **SYMPOSIUM 03 - MENTAL MAPS FROM COLLECTIVE MEMORIES, SOCIAL RELATIONSHIPS AND SOCIAL POSITIONS**

**VIRTUAL ROOM: 5**

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10:30 - 10:35 **INTRODUCTION**  
**Thierry Ramadier**, Laboratoire SAGE, Université de Strasbourg, France

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10:35 - 10:47 **INDIVIDUAL SPATIAL HISTORIES AND COLLECTIVE MEMORIES IN THE CONSTRUCTION OF SPATIAL REPRESENTATIONS OF NATIONAL BORDERS: THE CASE OF STRASBOURG**  
**Kevin Clementi**, Laboratoire Sage, Université de Strasbourg, France

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10:48 - 11:00 **SOCIAL SEGREGATION OF SPATIAL REPRESENTATIONS EXPLAINED BY THE EVOLUTION OF SOCIAL POSITION (SOCIAL TRAJECTORIES)**  
**Pierre Dias**, Laboratoire Espace, Université d'Aix Marseille, France

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11:01 - 11:13 **PSYCHOSOCIAL MEMORIALIZATION STAKES ABOUT AN URBAN RENOVATION PROJECT INTERGROUP LINKS AS PLACE OF RELATION TO URBAN ENVIRONMENT**  
**Adrien Francillon**, Laboratoire GRePS, Université Lyon 2, France  
Valérie Haas

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11:14 - 11:26 **THE SOCIAL DIMENSION OF CHILDREN'S SPATIAL REPRESENTATION IN URBAN CONTEXTS**

**Sandrine Depeau**, Laboratoire ESO, Université de Rennes 2, France  
Sandrine Depeau, Anaïs Lebreton, Laurène Coëtmeur, Marc Chaillet

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11:27 - 11:39 **COMMUNITY AND PLACE ATTACHMENT: AN INTERROGATION BY USING THE CASE OF SUADIYE, KADIKÖY**

**Hulya Turgut**, Ozyegin University, Turkey

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11:39 - 12:00 **DISCUSSION**

**Thierry Ramadier**, Laboratoire SAGE, Université de Strasbourg, France

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## **SYMPOSIUM 06 - INTERGENERATIONAL PLACE-MAKING: ADDRESSING HEALTH AND WELLBEING FOR DIVERSE COMMUNITIES**

VIRTUAL ROOM: 4

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10:30 - 10:35 **INTRODUCTION**

**Mei Fang**, University of Dundee, United Kingdom

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10:35 - 10:47 **OLDER PEOPLE'S PERSPECTIVES ON BUILDING AGE-FRIENDLY INTERGENERATIONAL CITIES AND COMMUNITIES: FINDINGS FROM THE UK-BRASIL PLACEAGE PROJECT**

**Judith Sixsmith**, University of Dundee, United Kingdom  
Ryan Woolrych, Deborah Menezes, Adriana Portella, Rebecca Lawthom, Jenny Fisher

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10:48 - 11:00 **HEALTHY UNIVERSITIES FOR HEALTHY COMMUNITIES: INTERGENERATIONAL AND CROSS-SECTORAL PERSPECTIVES**

**Linda McSwiggan**, University of Dundee, United Kingdom  
Judith Sixsmith, Mei Lan Fang

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11:01 - 11:13 **CO-CREATING COMMUNITY HUBS FOR INTERGENERATIONAL PLACE-MAKING**

**Mei Lan Fang**, University of Dundee, United Kingdom  
Judith Sixsmith, Alison Hamilton-Pryde, Pat Scrutton, Vikki McCall, Ro Pengally, Ryan McKay

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11:14 - 11:26 **AGE FRIENDLY NARRATIVES; A VISUAL SYNTHESIS OF AGE FRIENDLY ECOSYSTEMS**

**Alison Hamilton-Pryde**, Heriot-Watt University, United Kingdom

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11:27 - 11:39 **EXAMINING AND CONCEPTUALIZING THE LIVED EXPERIENCE OF RESILIENCE FOR HOMELESSNESS: A LIFE-COURSE PERSPECTIVE**

**Sarah Canham**, University of Utah, United States  
Mei Lan Fang, Mineko Wada

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11:39 - 12:00 **DISCUSSION**

**Mei Fang**, University of Dundee, United Kingdom  
**Judith Sixsmith**, University of Dundee, United Kingdom

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## **SYMPOSIUM 18 - THE ROLE OF LIGHTING DESIGN FOR WALKING IN URBAN SETTINGS**

VIRTUAL ROOM: 2

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10:30 - 10:35 **INTRODUCTION**

**Maria Johansson**, Lund University, Sweden

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10:35 - 10:47 **A PSYCHOLOGICAL PERSPECTIVE ON PEDESTRIANS' MICROSCOPIC BEHAVIOUR ALONG ARTIFICIALLY LIT PATHS**

**Maria Johansson**, Lund University, Sweden  
Maria Johansson, Mikael Nilsson

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10:48 - 11:00 **PUBLIC OUTDOOR LIGHTING FOR VISUALLY IMPAIRED PEDESTRIANS - AN EMPIRICAL FIELD STUDY**

**Pimkamol Mattsson**, Lund University, Sweden

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11:01 - 11:13 **STREET LIGHTING AND ENVIRONMENTAL SAFETY EVALUATION ACROSS DIFFERENT COUNTRIES: A CROSS-NATIONAL COMPARISONS BETWEEN THE NETHERLANDS AND ARGENTINA**  
**Antal Haans**, Eindhoven University of Technology, Netherlands  
Graciela Lucía Tonello, Natalia Valladares

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11:14 - 11:26 **COMMUNICATING WALKING EXPERIENCES IN THE EDUCATION OF SUSTAINABLE URBAN DESIGN**  
**Louise Lövenstjerne**, School of Architecture, Lth, Lund University, Sweden

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11:27 - 11:39 **PERCEPTION, EVALUATION AND BEHAVIOUR IN THE LIT URBAN ENVIRONMENT**  
**Johan Rahm**, Lund University, Sweden

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11:39 - 12:00 **DISCUSSION**

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## **SYMPOSIUM 20 - RESEARCH METHODS' TIMELINE: 50 YEARS OF PEOPLE-ENVIRONMENT STUDIES**

**VIRTUAL ROOM: 7**

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10:30 - 10:35 **INTRODUCTION**  
**Ana Karinna Hidalgo**, University of Regina, Canada

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10:35 - 10:47 **UNDERSTANDING THE TEMPORAL CONTEXT OF PEOPLE-ENVIRONMENT RELATIONSHIPS**  
**Tony Craig**, The James Hutton Institute, United Kingdom

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10:48 - 11:00 **50 YEARS OF SCIENTIFIC PRODUCTIVITY IN MAN-ENVIRONMENT STUDIES. A SCIENTOMETRIC ANALYSIS OF THE JOURNAL E&B**  
**Maria Montero**, Universidad Nacional Autonoma de Mexico-UNAM, Mexico  
Blanca Neli Sanchez-Hernandez

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11:01 - 11:13 **THE GENEALOGY OF EVIDENCE IN PEOPLE-ENVIRONMENT STUDIES: LESSONS TO BE LEARNED**  
**Carole Després**, Université Laval, Canada  
Andrée-Anne Porlier

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11:14 - 11:26 **LIGHTING THE WINTER CITY: WHY WE NEED MORE EVIDENCE-BASED PLANNING**  
**Ana Karinna Hidalgo**, University of Regina, Canada

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11:26 - 12:00 **DISCUSSION**  
**Carole Després**, École d'architecture, Université Laval, Canada  
**Tony Craig**, The James Hutton Institute, United Kingdom

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## **COVID-19 FORUM 04**

**VIRTUAL ROOM: 1**

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12:00 - 12:55 **URBAN SYNCHRONY AND PROXIMITY: MOBILITY AND TRAVEL WHEN PATHOGENS GO VIRAL**  
**Michael Doyle**, Université Laval, Canada

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**COVID-19 FORUM 05**

VIRTUAL ROOM: 3

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12:00 - 12:55 **ENVIRONMENTAL NORMS THROUGH COVID PERSPECTIVES**  
**Ricardo Garcia-Mira**, University of A Coruna, Spain

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**COVID-19 FORUM 06**

VIRTUAL ROOM: 5

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12:00 - 12:55 **CHANGES IN BUILDING CRITERIA INTEGRATING PANDEMIC RISK**  
**Sherry Ahrentzen**, University of Florida, United States

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**COVID-19 FORUM 07**

VIRTUAL ROOM: 7

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12:00 - 12:55 **LIFE CYCLES AND THE CITY IN AN ERA OF PANDEMIC**  
**Juan Torres**, Université de Montréal, Canada

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## Thursday, June 25, 2020

### NETWORK MEETING 05

VIRTUAL ROOM: 3

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7:00 - 7:55 **CHILDREN, YOUTH & ENVIRONMENTS**  
**Sandrine Depeau**, Laboratoire ESO, Université de Rennes 2, France

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### NETWORK MEETING 06

VIRTUAL ROOM: 5

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7:00 - 7:55 **PLACE ATTACHMENT**  
**Patrick Devine-Wright**, University of Exeter, United Kingdom

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### GUEST SPEAKER

VIRTUAL ROOM: 1

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8:00 - 8:45 **A WORLD OF DATA: DESIGNING CITIES WITHIN EMERGENT GEOGRAPHIES**  
**Fábio Duarte**, Massachusetts Institute of Technology, United States

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### PAPER SESSION REG-01 - INNOVATIVE PLACES AND CONCEPTS FOR WORK ENVIRONMENTS

VIRTUAL ROOM: 6

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8:50 - 9:04 **RESEARCH ON THE METHODOLOGY OF DIVISION FOR FREE ADDRESS SYSTEM IN OPEN-PLAN WORKSPACE**  
**Yuki Munemasa**, Waseda University, Japan  
Yudai Honma, Ayumi Mukai

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9:10 - 9:24 **WON'T YOU BE MY NEIGHBOR? HOW WORKGROUPS CHOOSE SPATIALLY ADJACENT NEIGHBORS DURING OFFICE SPACE PLANNING**  
**Yaoyi Zhou**, Human Ecology College, Cornell University, United States  
Chiara Tagliaro, Ying Hua

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9:30 - 9:44 **OUTDOOR OFFICE WORK - SUPPORTING URBAN GREEN ENVIRONMENTS AND HEALTH IN WORKING LIFE**  
**Susanna Toivanen**, Mälardalens Högskola, Sweden

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9:50 - 10:04 **INVESTIGATING ART + DESIGN INCUBATORS AS PLACES OF CO-CREATION**  
**Newton Dsouza**, Florida International University, United States  
Asha Kutty

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**PAPER SESSION REG-07 - EXPANDING OUR KNOWLEDGE CONCERNING AGING POPULATIONS**

VIRTUAL ROOM: 4

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- 8:50 - 9:04 **THE ASSOCIATION IN PHYSICAL AND SOCIAL FEATURES OF URBAN GREENWAYS, AND OUTDOOR ACTIVITY AMONG OLDER RESIDENTS**  
**Po-Ju Chang**, National Taiwan University, Taiwan (Republic of China)
- 
- 9:10 - 9:24 **WHAT ARE THE DIFFICULTIES THE SENIOR RESIDENTS FACING IN OLD COMMUNITIES IN DALIAN, CHINA?**  
**Wenting Yu**, Dalian University of Technology, China  
Bo Zhou, Ke Fang, Yifei Luan, Yue Fan
- 
- 9:30 - 9:44 **SEX BASED SUBGROUP DIFFERENCES AMONG CAREGIVERS OF SENIORS WITH COGNITIVE IMPAIRMENT IN URBAN/ RURAL ENVIRONMENT: A STEPPED WEDGE CLUSTER RANDOMISED TRIAL**  
**Lionel Adisso**, Université Laval, Canada  
Nathalie Brière, Dawn Stacey, Guy Lacroix, Sophie Desroches, Serge Dumont, Kimberly Fraser, Louis-Paul Rivest, Monica Taljaard, Pierre J. Durand, Henriette Bourassa, Lise Roy, France Légaré
- 
- 9:50 - 10:04 **A RESEARCH MODEL ON INTERDISCIPLINARY ELDER-FRIENDLY COMMUNITY FORMED UNDER SENSING TECHNOLOGY \_ RESEARCH ON ENVIRONMENTAL BEHAVIOR BASED ON BIG DATA**  
**Li-wen Sung**, National Cheng Kung University, Taiwan (Republic of China)
- 

**PAPER SESSION REG-13 - UPGRADING LARGE HOUSING ESTATES: STAKES AND CHALLENGES**

VIRTUAL ROOM: 2

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- 8:50 - 9:04 **UPGRADING AS A MATTER OF TIME AND PLACE: LIVING LABS FOR SOCIAL HOUSING**  
**Doris Kowaltowski**, University of Campinas UNICAMP, Brazil  
Ariovaldo Granja, Vanessa Gomes da Silva, Regina Ruschel, Daniel de Carvalho Moreira, Sigrun Kabisch, Clarine van Oel, Jelle Koolwijk, Arno Freeke, Patricia Fazenda, Michail Kagioglou
- 
- 9:10 - 9:24 **A STUDY ON THE REMODELING SCENARIO FOR ACTIVE IMPROVEMENT OF DETERIORATED APARTMENT IN KOREA**  
**Seungkwang Shon**, Dongshin University, Korea, Republic of (South Korea)  
Donghwa Shon
- 
- 9:30 - 9:44 **DYNAMICS AND PERSISTENCE: THE TRAJECTORY OF LARGE HOUSING ESTATES ILLUSTRATED BY A 40 YEAR LONG-TERM CASE STUDY**  
**Sigrun Kabisch**, Helmholtz Centre for Environmental Research, Germany
- 
- 9:50 - 10:04 **INSTALLATION AS A PROJECT OWNERSHIP AND SOLIDARITY TO WARD OFF THE WORRYING FUTURE**  
**Audrey Courbebaisse**, Ecole nationale supérieure d'architecture de Toulouse, France  
Daniel Pinson
-

**PAPER SESSION REG-14 - URBAN BEHAVIORS AND ACTIVITY SPACES**

VIRTUAL ROOM: 5

8:50 - 9:04 **HOW DO PEOPLE PERCEIVE URBAN CHANGE, AND WHY DOES THIS MATTER? A QUALITATIVE INVESTIGATION OF SUSTAINABILITY INITIATIVES IN MONTREAL**

**Marina Najjar**, Team INTERACT, Canada

Julie Karmann, François Vanier, Callista Ottoni, Sébastien Lord, Meghan Winters, Daniel Fuller, Yan Kestens

9:10 - 9:24 **INVESTIGATION ON THE RESIDENTS' DAILY ACTIVITY AFTER THE CONSTRUCTION OF METRO STATION**

**Wei Lu**, Dalian University of Technology, China

9:30 - 9:44 **AN INNOVATIVE METHOD OF OBSERVING THE PEOPLE-TIME-ENVIRONMENT RELATIONSHIP: RECONNECTING USERS BETWEEN OLD MONTRÉAL AND THE OLD PORT**

**Priscilla Ananian**, University of Quebec in Montreal, Canada

Ariane Perras

9:50 - 10:04 **CONSIDERING SUSTAINABILITY AS A COLLABORATIVE AS WELL AS INDIVIDUAL BEHAVIOUR: THE CASE OF ENERGY SAVING IN THE UK AND MEXICO**

**Caroline Leygue**, Universidad Nacional Autonoma de Mexico, Mexico

Alexa Spence, Patricia Ortega Andean

**SYMPOSIUM 11 - FROM MITIGATION TO ADAPTATION BEHAVIORS: UNDERSTANDING RESILIENCE AND ITS LONG-TERM CHALLENGES**

VIRTUAL ROOM: 1

8:45 - 8:50 **INTRODUCTION**

**Silvia Ariccio**, Sapienza University of Rome, Italy

8:50 - 9:02 **AS THE WORLD BURNS: UNDERSTANDING THE PSYCHOLOGICAL IMPACTS OF CLIMATE CHANGE ON YOUNG AUSTRALIANS TO PROMOTE RESILIENCE**

**Amy Lykins**, University of New England, Australia

Don Hine, Suzanne Cosh, Belinda Craig, Clara Murray, Melissa Parsons

9:03 - 9:15 **NEAR-MISS EFFECT ON INDIVIDUALS' PERCEPTION OF FLOODING RISK AND PROTECTIVE RESPONSES**

**Simona Sacchi**, University of Milano-Bicocca, Italy

Alessandro Bogani, Giulio Faccenda, Luca Pancani, Juliette Richetin, Paolo Riva

9:16 - 9:28 **THE SEISMIC RESILIENCE QUESTIONNAIRE: A TOOL FOR POLICY MAKING IN EARTHQUAKE-PRONE AREAS**

**Silvia Ariccio**, Sapienza University of Rome, Italy

Marino Bonaiuto

9:29 - 9:41 **RESILIENCE AND RISK: TOWARDS AN ALTERNATIVE AND MORE SUSTAINABLE LIFESTYLE**

**Ricardo Garcia-Mira**, University of A Coruna, Spain

Isabel Lema-Blanco

9:42 - 9:54 **AWE, INSPIRATION, AND ENVIRONMENTAL EFFICACY: CAN WE 'WOW!' OUR WAY OUT OF CLIMATE MELANCHOLIA?**

**Chris Neale**, University of Virginia, United States

Maura Austin, Ben Converse, Jenny Roe

9:54 - 10:15 **DISCUSSION**

**Marino Bonaiuto**, Sapienza Università di Roma, Italy

**SYMPOSIUM 16 - RE-CONCEPTUALIZING ARCHITECTURAL AND URBAN DESIGN EDUCATION THROUGH A PEOPLE-CENTRED, MULTIDISCIPLINARY INTEGRATIVE APPROACH**

VIRTUAL ROOM: 7

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- 8:45 - 8:50 **INTRODUCTION**  
**Dina Shehayeb**, Nile University, Egypt
- 
- 8:50 - 9:02 **BRIDGING THE GAP BETWEEN EDUCATION AND PRACTICE IN ARCHITECTURE AND URBAN DESIGN: AN EXPLORATORY STUDY**  
**Ferdinando Fornara**, University of Cagliari, Italy  
Dina Shehayeb
- 
- 9:03 - 9:15 **PEDAGOGY FOR ENVIRONMENT-BEHAVIOUR STUDIES: A VOICE FROM THE GLOBAL SOUTH**  
**Smita Khan**, Visvesvaraya National Institute of Technology, India
- 
- 9:16 - 9:28 **A NEW OLDER WAY OF LEARNING: THE RAIC SYLLABUS PROGRAM CONSIDERED**  
**John Raimondo**, Raimondo & Associates, Architects, Canada  
**William Compton**, RAIC Syllabus Program, United Kingdom  
Ian Ellingham
- 
- 9:29 - 9:41 **COALITION BUILDING IN ARCHITECTURAL PEDAGOGY: PREPARING STUDENTS FOR A CHANGING WORLD**  
**Olivier Vallerand**, Arizona State University, United States
- 
- 9:42 - 9:54 **ON THE PERSON AND THE MILIEU: A COMMUNICATIONAL MODEL FOR THINKING THE POLITICAL NATURE OF ARCHITECTONIC ARTICULATION**  
**Michael Doyle**, Université Laval, Canada
- 
- 9:54 - 10:15 **DISCUSSION**  
**Ashraf Salama**, University of Strathclyde, United Kingdom
- 

**SYMPOSIUM 21 - ADDRESSING YOUTH INCARCERATION: TRAUMA AND DECARCERATION IN RESEARCH AND PRACTICE**

VIRTUAL ROOM: 3

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- 8:45 - 8:50 **INTRODUCTION**  
**Julia W. Robinson**, University of Minnesota, United States
- 
- 8:50 - 9:02 **DESIGNING THERAPEUTIC CENTERS FOR YOUTH**  
**Robert Boraks**, Parkin Architects Limited, Carleton University Ottawa, Canada
- 
- 9:03 - 9:15 **DESIGNING FOR ACCOUNTABILITY: DECARCERATION THROUGH RESTORATIVE JUSTICE-INFORMED DESIGN**  
**Barb Toews**, University of Washington Tacoma, United States
- 
- 9:16 - 9:28 **THE ROLE OF DESIGN AND PLACE IN TRANSITIONING YOUTH JUSTICE IN AUSTRALIA**  
**Rohan Lulham**, University Of Technology Sydney, Australia  
Kevin Bradley
- 
- 9:29 - 9:41 **JUVENILE REHABILITATION: DESIGN STUDIO RESEARCH**  
**Julia Williams Robinson**, University of Minnesota, United States  
Daniel Treinen, Angela L. Cousins
- 
- 9:42 - 9:54 **AT HOME IN NATURE: DESIGNING PRISON GARDENS AND PLAYSCAPES FOR CHILDREN AND THEIR MOTHERS**  
**Julie Stevens**, Iowa State University, United States  
Amy Wagenfeld, Barb Toews
- 
- 9:54 - 10:15 **DISCUSSION**  
**Julia W. Robinson**, University of Minnesota, United States
-



**ACCORDING TO HOW YOU FEEL, MAKE YOUR CHOICE!**

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10:15 - 10:15 **ACTIVE BREAKS: STRETCHING AND CHAIR YOGA**

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10:15 - 10:15 **DISCOVER THE VIBRANT PUBLIC ART SCENE OF QUÉBEC CITY**

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10:15 - 10:15 **TUNE IN TO QUÉBEC'S MUSIC SCENE**

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10:15 - 10:15 **QUÉBEC WINTER WONDERLAND**

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**PAPER SESSION REG-06 - REVITALIZATION OF PRECARIOUS LIVING ENVIRONMENTS**

**VIRTUAL ROOM: 2**

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10:35 - 10:49 **THE ROAD BACK HOME: RETHINKING AND REFLECTION OF POST-DISASTER RECONSTRUCTION IN TAIWAN INDIGENOUS COMMUNITY IN THE PAST DECADE**  
**Yuhuan Huang**, Institute of Industrial Science, The University of Tokyo, Japan

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10:55 - 11:09 **MAPPING POSITIVE CHANGE: A CASE STUDY TO SIMULATE A SLUM-PROSPERITY AGENDA FOR INCLUSIVE URBAN DEVELOPMENT**  
**Aisha Abubakar**, University of Strathclyde, United Kingdom

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11:15 - 11:29 **HOUSING REDEVELOPMENT- A 'BAND-AID SOLUTION' OR A 'SUSTAINABLE PRACTICE'? : LESSONS FROM SLUM REDEVELOPMENT POLICY IN INDIA**  
**Uchita Vaid**, Cornell University, United States

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11:35 - 11:49 **BRIDGING THE URBAN-RURAL GAP IN FACILITATING LOCAL ECONOMIC DEVELOPMENT: THE CASE STUDY OF A DISTRICT MUNICIPALITY IN KWAZULU-NATAL, SOUTH AFRICA**  
**Ayanda Makhaye**, University of KwaZulu-Natal, South Africa  
Cecile Gerwel Proches

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**PAPER SESSION REG-08 - HOME OR CARE: WHAT TO FAVOR IN OLD AGE?**

**VIRTUAL ROOM: 4**

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10:35 - 10:49 **AN ANALYSIS OF RELATIONSHIP BETWEEN INTROVERTED AND EXTROVERTED BEHAVIOR AND SPACE ENVIRONMENT OF PENSION INSTITUTIONS**  
**Yawen Lu**, Dalian University of Technology, China  
Bo Zhou

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10:55 - 11:09 **SUPPORTING AGING IN PLACE FOR OLDER ADULTS WITH LONG-TERM MOBILITY DISABILITY: A PERSON-ENVIRONMENT APPROACH**  
**Widya A. Ramadhani**, University of Illinois at Urbana Champaign, United States  
Wendy A. Rogers

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11:15 - 11:29 **IMPLEMENTING SHARED DECISION-MAKING IN INTERPROFESSIONAL HOME CARE TEAMS SUPPORTING FRAIL ELDERLY FACING HOUSING DECISIONS: A STEPPED WEDGE CLUSTER RANDOMISED TRIAL**  
**France Légaré**, Université Laval, Canada  
**Lionel Adisso**, Université Laval, Canada  
Nathalie Brière, Dawn Stacey, Guy Lacroix, Sophie Desroches, Serge Dumont, Kimberly Fraser, Louis-Paul Rivest, Monica Taljaard, Pierre J. Durand, Henriette Bourassa, Lise Roy

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**PAPER SESSION REG-09 - HOW DO SCHOOL AND EDUCATION SHAPE CHILDREN?**

VIRTUAL ROOM: 3

- 10:35 - 10:49 **EFFECT OF A HANDS-ON-ENVIRONMENTAL EDUCATION PROGRAM IN CHILDREN'S PRO-ENVIRONMENTALISM**  
**José A. Corraliza**, Universidad Autónoma of Madrid, Spain  
 Silvia Collado, Claudio D. Rosa
- 
- 10:55 - 11:09 **CHILDREN'S MORAL JUDGMENTS OF ENVIRONMENTALLY HARMFUL ACTIONS: THE ROLE OF EXPOSURE TO NATURE AND TYPE OF VICTIM**  
**Silvia Collado**, Universidad de Zaragoza, Spain  
 José A. Corraliza, Rocio Rodriguez-Rey
- 
- 11:15 - 11:29 **PERCEIVED NEIGHBORHOOD SAFETY MODERATES THE RELATIONSHIP BETWEEN ACTIVE SCHOOL COMMUTING AND CHILDREN'S MENTAL HEALTH**  
**Gina Martin**, Western University, Canada  
 Andrew Clark, Alina Medeiros, Megan Graat, Jason Gilliland
- 
- 11:35 - 11:49 **SCHOOL DESIGN FOR SPECIAL NEEDS STUDENTS : CREATING A SUPPORTIVE ENVIRONMENT FOR CHILDREN WITH AUTISM SPECTRUM DISORDER THROUGH PURPOSEFUL STRATEGIES**  
**Francesca Jimenez**, HDR, United States  
 Renae Rich

**PAPER SESSION REG-16 - WORKING AT THE METROPOLITAN AND REGIONAL SCALES**

VIRTUAL ROOM: 5

- 10:35 - 10:49 **THE RISE AND FALL OF SHENZHENS MOST VIBRANT URBAN SPACE, 1980'2020**  
**John Zacharias**, Peking University, Canada
- 
- 10:55 - 11:09 **BUILDING TOMORROW'S PERI-URBAN LANDSCAPES WITH SOCIAL INNOVATION AND PROSPECTIVE DESIGN**  
**Patrick Marmen**, University of Montreal, Canada  
 Sylvain Paquette, Philippe Poullaouec-Gonidec
- 
- 11:15 - 11:29 **CULTURAL ECOSYSTEM SERVICES IN SCOTLAND: EXPLORING HOW LANDSCAPE AFFECTS SPIRITUAL WELLBEING**  
**Katherine Irvine**, James Hutton Institute, United Kingdom  
 Anna Conniff, Daniel Fisher, Inge Aalders, Sara Warber
- 
- 11:35 - 11:49 **STRATEGIC ORGANIC FUNCTIONALISM: BRINGING THE LONG-TERM INTO FINNISH REGIONAL LAND USE PLANNING**  
**Juha Hiedanpää**, Natural Resources Institute, Finland

**PAPER SESSION REG-17 - DWELLING AND BUILDING: LEARNING FROM ARCHITECTURAL THEORY AND PRACTICE**

VIRTUAL ROOM: 7

- 10:35 - 10:49 **THE TRANSITION OF NAKAGIN CAPSULE TOWER -ONE OF THE EARLIEST 'ONE-ROOM MANSIONS' IN JAPAN-**  
**Yuta Osaki**, The University of Tokyo, Japan
- 
- 10:52 - 11:06 **PROTECTION AND ADAPTIVE RENEWAL OF HISTORICAL SPORTS ARCHITECTURE 'THE CASE OF MODERN GYMNASIUM IN CHINA**  
**Lu Yaoxing**, South China University of Technology, China
- 
- 11:09 - 11:23 **REVISITING INDETERMINACY OF SPACE IN DOMESTIC ARCHITECTURE**  
**Heba Sarhan**, Northumbria University, United Kingdom  
 Rosie Parnell
- 
- 11:26 - 11:40 **TOWARD A TRAJECTIVE RELATIONSHIP WITH THE ENVIRONMENT: BEYOND THE CULTURE-NATURE DUALISM**  
**Shabnam Rahbar**, University of Montreal, Canada
- 
- 11:43 - 11:57 **WHO'S AFRAID OF TIME IN ARCHITECTURE? WHO IS NOT?**  
**Karen Franck**, New Jersey Institute of Technology, United States

**PAPER SESSION SYM-11 - ENVIRONMENTAL HAZARDS, RISK PERCEPTION AND POLICY IMPLICATIONS**

VIRTUAL ROOM: 1

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- 10:35 - 10:49 **HOW TOPOGRAPHIC FEATURES OF COASTAL REGIONS INFLUENCE RESIDENTS' RISK PERCEPTION AND TSUNAMI EVACUATION BEHAVIOR**  
**Teruyuki Isagawa**, Tokyo City University, Japan  
Ryuzo Ohno, Yurika Yokoyama
- 
- 10:55 - 11:09 **WHEN IS CLIMATE CHANGE CONCERN MORE LIKELY TO ENHANCE SUPPORT FOR CLIMATE CHANGE MITIGATION POLICIES? A CROSS-NATIONAL STUDY**  
**Wouter Poortinga**, Cardiff University, United Kingdom  
Lorraine Whitmarsh, Paul Haggan
- 
- 11:15 - 11:29 **SOCIAL CAPITAL AND COMMUNITY EFFECTS ON MENTAL HEALTH RESILIENCE TO SEA LEVEL RISE (SLR) RISK IN NORFOLK, VA**  
**Chris Neale**, University of Virginia, United States
- 
- 11:35 - 11:49 **LINK INTERNATIONAL TRADE WITH MANGROVE ECOSYSTEM THROUGH MACRO-SCALE APPROACH: A SPATIAL ECONOMETRIC ANALYSIS**  
**Mimi Gong**, Michigan State University, United States  
Yimin Yang
- 

**SYMPOSIUM 15 - INHABITANT PHOTO-ELICITATION INTERVIEWS REPORTED TO ARCHITECTS WHO DESIGNED A BUILDING**

VIRTUAL ROOM: 6

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- 10:30 - 10:35 **INTRODUCTION**  
**Eleftherios Pavlides**, Roger Williams University, United States
- 
- 10:35 - 10:47 **THEORETICAL UNDERPINNINGS: ANTHROPOLOGICAL METHODS IN SUPPORT OF ARCHITECTURAL PRACTICE**  
**Eleftherios Pavlides**, Roger Williams University, United States  
Tyrone Yang
- 
- 10:48 - 11:00 **THE MECHANICS OF ETHNOGRAPHIC PHOTO-ELICITATION THROUGH TEACHING ARCHITECTURE STUDENTS**  
**Tyrone Yang**, Roger Williams University, United States  
Eleftherios Pavlides
- 
- 11:01 - 11:13 **PHOTO-ELICITATION INTERVIEWS WITH OCCUPANTS OF AN ORTHOPEDIC BUILDING**  
**Chelsy Luis**, Roger Williams University, United States
- 
- 11:14 - 11:26 **PHOTO-ELICITATION INTERVIEWS WITH OCCUPANTS OF COMMUNITY HEALTH CENTERS**  
**Moises Valcarcel Gonzalez**, Roger Williams University, United States  
Keara Duffy
- 
- 11:27 - 11:39 **PHOTO-ELICITATION METHOD IN ENVIRONMENTAL DESIGN RESEARCH; ARCHITECTURAL EDUCATION'S OPPORTUNITY TO TEACH RESPONSIBILITY**  
**Kellyn Biela**, Roger Williams University, United States
- 
- 11:39 - 12:00 **DISCUSSION**  
**Eleftherios Pavlides**, Roger Williams University, United States
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**VIRTUAL BANQUET: DRESS UP... OR DOWN**

VIRTUAL ROOM: 1

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- 12:00 - 14:00 **LET'S CELEBRATE 50 YEARS OF GREAT RESEARCH**
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## Friday, June 26, 2020

### ANNUAL GENERAL MEETING (AGM) OF IAPS MEMBERS

VIRTUAL ROOM: 1

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7:00 - 7:45 ANNUAL GENERAL MEETING (AGM) OF IAPS MEMBERS

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### FLASH & POSTER SESSION 01 - BUILDING QUALITY AND WELLBEING

VIRTUAL ROOM: 1

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8:00 - 8:03 INTRODUCTION

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8:03 - 8:10 **EXPLORING THE POTENTIAL OF GREEN-CERTIFIED OFFICE BUILDINGS TO PROMOTE EMPLOYEE WELLBEING**  
**Jillian Zitars**, Wilfrid Laurier University, Canada  
 Brittany Spadafore, Bianca Dreyer, Stephanie Whitney, Simon Coulombe, Manuel Riemer, Joel Marcus

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8:11 - 8:14 **IMPROVING INTELLECTUAL PRODUCTIVITY THROUGH A TAILORED OFFICE ENVIRONMENT - AN ANALYSIS OF THE INFLUENCE OF OFFICE ENVIRONMENTS AND INDIVIDUAL PREFERENCES**  
**Ziye Wang**, Ochanomizu University, Japan  
 Natsuko Nagasawa, Tai Satoh, Takaya Kojima, Shin-ichi Tanabe, Hinano Sakeda, Ziqing Liu

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8:15 - 8:22 **RELATION BETWEEN EVALUATION OF WORKPLACE QUALITY OF LIFE AND WORK ENVIRONMENT REQUIREMENTS FOR CAREGIVERS AT ASSISTED-LIVING FACILITIES FOR SENIORS**  
**Toahie Koga**, Kanto Gakuin University, Japan

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8:23 - 8:38 Q & A

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8:39 - 8:46 **LEISURE TIME SPENT WITH OTHERS IMPROVES SELF-PERCEPTION OF STRESS AND HAPPINESS OF POSTGRADUATE ADVISORS**  
**Victor Hugo Silva Teixeira**, Universidade de São Paulo, Brazil  
 Claudia Roberta de Castro Moreno

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8:47 - 8:50 **REQUIRED FUNCTIONS AND ENVIRONMENTS FOR FUTURE RELIEF FACILITIES**  
**Yuko Kando**, The University of Tokyo, Japan  
 Yuji Matsuda, Fumika Washino, Shintaro Ohno, Emiko Kameya

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8:51 - 8:58 **USING PERSON-ENVIRONMENT FIT TO ADVOCATE FOR SOCIAL JUSTICE: AN EXPLORATORY STUDY TO DESIGN INCLUSIVE CAMPUS SPACES FOR DIVERSE STUDENTS**  
**Kevin Bonnell**, Wilfrid Laurier University, Canada  
 Simon Coulombe

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8:59 - 9:14 Q & A

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9:14 - 9:32 BREAK TIME

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9:33 - 9:36 **FORMATION OF IBASHO BY THE USING BEHAVIOR ON BENCHES: A CASE STUDY OF SHOPPING STREETS IN TOYOSHIKIDAI HOUSING COMPLEX**  
**Lee Yunjeong**, Chugnam National University, Korea, Republic of (South Korea)  
 Nishide Kazuhiko, Otsuki Toshio, Matsuda Yuji

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9:37 - 9:40 **A STUDY ON THE INTERIOR SPACE CHARACTERISTICS OF REST SPACE IN KOREAN DUTY FREE SHOPS**  
**Danqiong Liu**, Hanyang University, Korea, Republic of (South Korea)  
 Ting Liu, Chae Young Woo, Yeon Sook Hwang

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9:41 - 9:44 **A STUDY ON THE CHARACTERISTICS OF EXPERIENCE-BASED EXHIBITION IN DIGITAL MEDIA EXHIBITION ENVIRONMENT**  
**Sunghyun Moon**, Hanyang University, Korea, Republic of (South Korea)  
 Danqiong Liu, Yeon Sook Hwang

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9:45 - 10:00 Q & A

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**FLASH & POSTER SESSION 02 - BUILDINGS AND PLACES : PERCEPTION AND PREFERENCES**

VIRTUAL ROOM: 2

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8:00 - 8:03 **INTRODUCTION**

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8:03 - 8:10 **COLOURED LIGHTING AMBIANCES IN NORTHERN LATITUDES: SIMULATING DESIGN STRATEGIES FOR HEALTHY INTERIOR SCENARIOS**

**Carolina Espinoza-Sanhueza**, Université Laval, Canada  
 Claude M. H. Demers, Marc Hébert, Jean-François Lalonde, André Potvin

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8:11 - 8:18 **AN ONGOING STUDY OF USING EYE TRACKING TO UNDERSTAND THE IMPACT OF EDUCATIONAL TRAINING AND VISUAL COMPLEXITY ON VIEWERS' AESTHETIC PREFERENCES**

**Dilara Beder**, Bilkent University, Turkey  
 Cargri Imamoglu, Cengiz Acarturk

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8:19 - 8:22 **EFFECTS OF SIZE OF ROOM ON SUBJECTIVE SENSE OF TIME**

**Sodai Kono**, Chiba University, Japan  
 Yohsuke Yoshioka

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8:23 - 8:38 **Q & A**

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8:40 - 8:43 **A STUDY ON VISUAL PREFERENCE AND ENVIRONMENTAL ANALYSIS OF CAFE STREETS**

**Chae Young Woo**, Hanyang University, Korea, Republic of (South Korea)  
 Sunghyun Moon, Danqiong Liu, Yeon Sook Hwang

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8:44 - 8:51 **YOUNG RESIDENTS' PREFERENCES AND ATTITUDES TO RENTAL HOUSING ENVIRONMENT AND TYPOLOGIES: A PSYCHOGRAPHIC SEGMENTATION TO HOUSING DESIGN FOR THE FUTURE**

**Jingwen Chen**, Tongji University, China

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8:52 - 8:59 **EFFECT OF THE ACCOMMODATION SIZE AND PLAN CONFIGURATION ON PREFERENCE AND PERCEPTION (CONCERNING JAPANESE AND NON-JAPANESE)**

**Zahrasadat Hosseini**, Shinshu University, Japan  
 Ryota Yanase

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9:00 - 9:15 **Q & A**

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9:15 - 9:29 **BREAK TIME**

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9:31 - 9:38 **WHEN 'BEING GREEN' IS FROWNED UPON: DIFFERENT MESSAGES CONSUMERS SEE IN LUXURIOUS VS. BUDGET HOTEL ENVIRONMENTS**

**Annice Lee**, Cornell University, United States  
 So-Yeon Yoon

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9:39 - 9:42 **BUILDING TIME: POSITIVE CONNECTIONS TO THE PAST, PRESENT AND FUTURE IN BUILT ENVIRONMENTS AS SOURCES OF SECURITY, CONTENTMENT AND OPTIMISM**

**Kevin Nute**, University of Hawaii at Manoa, United States  
 Zhuo Job Chen

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9:43 - 10:00 **Q & A**

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**FLASH & POSTER SESSION 03 - CHILDREN, YOUTH & SCHOOLS ENVIRONMENTS**

VIRTUAL ROOM: 3

8:00 - 8:02 **INTRODUCTION**

8:02 - 8:05 **A LITERATURE REVIEW OF ADOLESCENT PLACE ATTACHMENT TO SCHOOL OUT-OF-CLASSROOM ENVIRONMENTS**  
**Timothy Baber**, University of New South Wales, Australia

8:06 - 8:09 **ANCHOR POINTS IN TIME AND PLACE OF LOWER GRADE SCHOOL CHILDREN**  
**Katsuki Yokoyama**, Joshibi University of Art and Design, Japan  
 Yurika Yokoyama

8:10 - 8:25 **Q & A**

8:26 - 8:29 **A STUDY ON THE EFFECT OF SCHOOL SPORT ENVIRONMENT ON MIDDLE SCHOOL STUDENT'S HEALTH**  
**Jeongmin Lee**, Pusan National University, Korea, Republic of (South Korea)  
 TaeKyoung Lee

8:30 - 8:33 **OPEN OR CLOSED: DOES THE EFFECT OF ELAPSED TIME ON CHILDREN AND TEACHERS DEPEND ON THE CLASSROOM PLAN TYPE?**  
**Keiko Ito**, The University of Tokyo, Japan  
 Yurika Yokoyama

8:34 - 8:41 **VISUALIZATION OF THE INHABITANT-NATURE RELATIONSHIP: A DAYLIGHTING METHODOLOGY FOR SCHOOL ARCHITECTURE RETROFITTING**  
**Alexandre Carrier**, Université Laval, Canada  
 Claude Demers, André Potvin

8:42 - 9:02 **Q & A**

9:02 - 9:12 **BREAK TIME**

9:13 - 9:16 **AN INTERVENTION STUDY TO ASSIST WAYFINDING OF A STUDENT WITH INTELLECTUAL DISABILITIES IN A SPECIAL NEEDS SCHOOL**  
**Shunsuke Itoh**, Tokyo Denki University, Japan  
 Sota Suzuki

9:17 - 9:20 **STUDY ON THE BEHAVIORAL TRANSITION OF AUTISTIC CHILDREN FROM EARLY INTERVENTION SPACE TO EDUCATIONAL SPACE: CASES OF KUMAMOTO, JAPAN**  
**Mitoko Nakashima**, Kagawa University, Japan

9:21 - 9:36 **Q & A**

9:37 - 9:40 **SCHOOL-BASED CRIME PREVENTION PROGRAMS AND MOTHERS' FEAR OF STRANGERS IN JAPAN**  
**Tomoko Hata**, Bunkyo Gakuin University, Japan  
 Takahito Shimada

9:41 - 9:44 **CHILDREN'S SCHOOL READINESS IN QUEBEC NEIGHBORHOODS: IS MALTREATMENT INVOLVED?**  
**Nicolas R.-Turgeon**, Université Laval, Canada  
 Marie-Hélène Gagné

9:45 - 10:00 **Q & A**

**FLASH & POSTER SESSION 04 - AGING AND THE BUILT ENVIRONMENT**

VIRTUAL ROOM: 4

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8:00 - 8:03	<b>INTRODUCTION</b>
8:03 - 8:10	<b>COMMUNITY ELDERLY CARE SERVICE MODELS IN CHINA AND WESTERN WELFARE COUNTRIES</b> <b>Zehua Wei</b> , Tongji University, China Jingmin Zhou
8:11 - 8:14	<b>'THE REFLEXIVE RESEARCHER': A RETROSPECTIVE EXAMINATION OF PROCESSES FOR DEVELOPING AGE-FRIENDLY PLACES IN INDIA</b> <b>Mei Lan Fang</b> , University of Dundee, United Kingdom Judith Sixsmith, Ryan Woolrych, Deborah Menezes
8:15 - 8:22	<b>HOW TO IDENTIFY SERVICES, AMENITIES AND FEATURES NEEDED TO CREATE AGE FRIENDLY COMMUNITIES IN BRAZIL</b> <b>Adriana Portella</b> , Federal University of Pelotas, Brazil Celina Britto Corrêa, Ryan Woolrych
8:23 - 8:38	<b>Q &amp; A</b>
8:40 - 8:47	<b>THRESHOLDS AND THE INTIMATE IN DOMESTIC ARCHITECTURE: AN HISTORICAL APPROACH OF SOCIO-SPATIAL DYNAMIC OF THE HOME APPLY TO INSTITUTIONAL ENVIRONMENT</b> <b>Virginie LaSalle</b> , Université de Montréal, Canada
8:48 - 8:55	<b>THE EFFECTS OF SPATIAL CONTINUITY AT ELDERLY FACILITY ON THE SOCIAL PARTICIPATION: A RESEARCH ON BEHAVIOR SETTING IN DINING SPACE</b> <b>Maiko Nagamine</b> , National Institute of Technology, Oyama College, Japan
8:56 - 8:59	<b>A STUDY ON HOME MODIFICATION NEEDS AND ISSUES ARISING DUE TO AGEING RESIDENTS</b> <b>Akiko Nishino</b> , The University of Tokyo, Japan Junichiro Okata
9:00 - 9:15	<b>Q &amp; A</b>
9:15 - 9:30	<b>BREAK TIME</b>
9:32 - 9:35	<b>ENVIRONMENT-RELATED FACTORS OF ELDERLY FALLS: TEXT MINING ANALYSIS OF CAREGIVERS' NEAR MISS ACCIDENT AND INCIDENT REPORTS</b> <b>Rei Nara</b> , Ochanomizu University, Japan Natsuko Nagasawa
9:36 - 9:39	<b>STUDY ON THE EFFECT OF THE SMALL CARE UNIT ON RESIDENTS AND STAFF IN NURSING HOMES</b> <b>Tatsuya Mitsushima</b> , Kindai University, Japan Yuri Yasaki, Mizuki Hayashi, Satoshi Ishii, Kentaro Yamaguchi, Ken Miura
9:40 - 9:43	<b>INTEGRATED ENVIRONMENTAL INFORMATION PLATFORM FOR ACTIVE SENIORS THROUGH AUGMENTED REALITY</b> <b>Young Hee Min</b> , Yonsei University, Korea, Republic of (South Korea) Mikyong Ha
9:44 - 10:00	<b>Q &amp; A</b>

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**FLASH & POSTER SESSION 05 - HOUSING TYPES: LIFE CYCLE AND WELLBEING**

VIRTUAL ROOM: 5

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8:00 - 8:03	<b>INTRODUCTION</b>
8:03 - 8:10	<b>SUSTAINABLE LIVING SPACE BASED ON LIFECYCLE AND OPEN BUILDING THEORY: LESSONS FROM SHANGHAI</b> <b>Manlin Wu</b> , Tongji University, China Jingmin Zhou
8:11 - 8:18	<b>DISCUSSION ON CHANGEABLE DESIGN AND INDUSTRIALIZED TECHNOLOGY APPLICATION FOR YOUTH APARTMENT</b> <b>Guang He</b> , Tongji University, China
8:19 - 8:26	<b>PERCEPTION OF DWELLING ENVIRONMENT AND UPDATES OF SCHEMATA THROUGH EXPERIENCE OF PEOPLE FROM DIFFERENT COUNTRIES LIVING IN JAPAN</b> <b>Eriko Kawano</b> , Tokyo Institute of Technology, Japan Satoshi Nasu
8:27 - 8:42	<b>Q &amp; A</b>
8:43 - 8:46	<b>FROM SMART CITIZENS, SMART APARTMENT TO SMART CITY THROUGH ESTABLISHMENT OF SAFE HOUSING SYSTEM</b> <b>Jeongmin Moon</b> , Chosun University, Korea, Republic of (South Korea) SeongKyung Choi
8:47 - 8:50	<b>THE HAPPINESS OF KOREAN HOUSING ENVIRONMENT FOCUSED ON PERMA THEORY</b> <b>Byungsook Choi</b> , Jeonbuk National University, Korea, Republic of (South Korea) Jung-a Park, Jin Lee
8:51 - 8:54	<b>A CASE 'YOUTH 101' OF JEONJU CITY SOCIAL HOUSING FOCUSED ON STUDIO TYPE FOR YOUNG WOMEN'S SAFETY AND SECURITY</b> <b>Hyunpyo Bae</b> , Korean Housing Welfare Social Cooperative, Korea, Republic of (South Korea) Jungtai Kim, Byungsook Choi
8:55 - 9:10	<b>Q &amp; A</b>
9:10 - 9:20	<b>BREAK TIME</b>
9:21 - 9:28	<b>SAVING TIME AND BUILDING FOR RESILIENCE: SOCIALLY CONSCIOUS MASS-MANUFACTURING OF RESIDENTIAL BUILDINGS</b> <b>Reka Mandoki</b> , University of Cambridge, Great Britain John Orr
9:29 - 9:36	<b>TRACING PRECINCT TYPOLOGIES AND THEIR RELATIONSHIPS WITH COMMUNITY INTERACTIONS, PARTICIPATION, AND SENSE OF PLACE IN HIGH-RISE, HIGH-DENSITY PUBLIC HOUSING</b> <b>Keng Hua Chong</b> , Singapore University of Technology and Design, Singapore <b>Tshui Mum Ha</b> , Singapore University of Technology and Design, Singapore Yohei Kato, Qingqing Chen, Ate Poorthuis
9:37 - 9:44	<b>A PRELIMINARY STUDY ON THE LIVING DIFFICULTIES AND RESOLVING STRATEGIES OF HIGH-DENSITY CHINESE CITIES: HYBRID SYMBIOTIC VERTICAL COMMUNITY</b> <b>Shuyuan Wang</b> , Tongji University, China Jinmin Zhou
9:45 - 10:00	<b>Q &amp; A</b>

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**FLASH & POSTER SESSION 06 - TOOLS AND STRATEGIES FOR P-E RESEACH**

VIRTUAL ROOM: 6

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8:00 - 8:03	<b>INTRODUCTION</b>
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8:03 - 8:10	<b>ASSESSMENT OF THE SUSTAINABILITY OF RISK MANAGEMENT MEASURES: AN INTERDISCIPLINARY APPROACH</b> <b>Alexandra Schleyer-Lindenmann</b> , UMR ESPACE, Aix-Marseille University, France Anne Tricot, Nelly Parès, Pascal Di Maiolo, Thomas Curt, Franck Sfiligoï-Taillandier, Aurélie Arnaud
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8:11 - 8:14	<b>CONSTRUCTION OF A SCALE FOR MEASURING ASCRIPTION OF ENVIRONMENTAL RESPONSIBILITY IN MEXICANS</b> <b>Saimy Hernández</b> , Universidad Nacional Autónoma de México, Mexico Elizabeth López
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8:15 - 8:27	<b>Q &amp; A</b>
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8:28 - 8:35	<b>ENVIRONMENTAL EDUCATION TOOLS TO PROMOTE SIMPLE PRO-ENVIRONMENTAL BEHAVIOUR AMONG PRESCHOOL CHILDREN IN JAPAN AND SWEDEN</b> <b>Pimkamol Mattsson</b> , Lund University, Sweden Shimpei Iwasaki
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8:36 - 8:39	<b>WHAT ASPECTS DO PEOPLE FIND RESTORATIVE IN THEIR NEIGHBORHOOD?</b> <b>Seiji Shibata</b> , Sagami Women's University, Japan
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8:40 - 8:47	<b>FROM ACTIVITY TO ATMOSPHERE: A CASE STUDY OF SHANGHAI ZHONGSHAN PARK</b> <b>Yitong Wang</b> , Tongji University, China
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8:48 - 9:03	<b>Q &amp; A</b>
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9:03 - 9:18	<b>BREAK TIME</b>
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9:21 - 9:24	<b>A PILOT STUDY OF EFFECTIVE CORRIDOR DESIGN IMPROVING WAYFINDING BEHAVIOR IN UNDERGROUND MALLS</b> <b>Shaoqing Zhang</b> , Pusan National University, Korea, Republic of (South Korea) Soobeen Park, Jeong Sook Noh, Eun ju Cho, SooJeong Kim, Yanru Cheng
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9:25 - 9:28	<b>EMERGENCY EVACUATION STRATEGY FROM DEEP AND COMPLICATED UNDERGROUND PUBLIC SPACES</b> <b>Tomonori Sano</b> , Waseda University, Japan Masataka Yasue
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9:29 - 9:32	<b>THE COMMUTING IN MÉXICO CITY. AN EXPLORATORY STUDY</b> <b>Fransilvania Callejas Pérez</b> , Universidad Nacional Autónoma de México, Mexico Patricia Ortega Andeane, María Emilia Lucio Gómez-Maqueo
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9:33 - 9:40	<b>INFLUENCE OF URBAN METRO NETWORK IMPLANTED IN THE NEIGHBORHOOD ON TRAVEL ACTIVITY FOR OLDER ADULTS</b> <b>Bai Jiayuan</b> , Dalian University of Technology, China Lu Wei
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9:41 - 10:00	<b>Q &amp; A</b>
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**FLASH & POSTER SESSION 07 - DESIGN THEORY AND METHODS**

VIRTUAL ROOM: 7

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8:00 - 8:03 **INTRODUCTION**

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8:03 - 8:10 **CULTURAL EXCHANGE: AN ANALYSIS ON THE INFLUENCE OF CULTURE ON PEOPLE-ENVIRONMENT RELATIONSHIPS**  
**Eline Feitosa**, Federal University of Sergipe, Brazil  
Zenith Delabrida

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8:11 - 8:18 **IS DESIGN CONCEPT ARTIFICIAL OR ECOLOGICAL?**  
**Hiroki Seki**, Tokyo City University, Japan

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8:19 - 8:26 **INUIT VERNACULAR AND BIOMIMICRY ARCHITECTURES : THE NATURE LINK**  
**Hakim Herbane**, Université Laval, Canada

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8:27 - 8:42 **Q & A**

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8:44 - 8:51 **THE CHALLENGES OF DEVELOPING AN INNOVATIVE PARTICIPATORY VISION OF DEVELOPMENT: CODESIGN OF THE GRANDE BIBLIOTHÈQUE DU QUÉBEC PUBLIC SPACE**  
**François Racine**, Université du Québec à Montréal, Canada  
Priscilla Ananian, Sinisha Brdar

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8:52 - 8:59 **RENEWAL STRATEGY OF OUTDOOR PUBLIC SPACE IN EXISTING RESIDENTIAL DISTRICTS: LESSONS FROM CHENGDU**  
**Chang He**, Tongji University, China

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9:00 - 9:07 **A RESEARCH ON HOW DESIGNED TEACHING METHODS AFFECT LEARNING BEHAVIORS OF DIGITAL NATIVES: A CASE STUDY ON FRESHMAN ARCHITECTURE STUDENTS**  
**Ting-Ting Cheng**, National Cheng Kung University, Taiwan (Republic of China)  
Li-wen Sung

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9:08 - 9:23 **Q & A**

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9:25 - 9:32 **FEELINGS: AND OTHER SLIPPERY INTANGIBLES...**  
**Lucinda Havenhand**, University of North Carolina at Greensboro, United States  
Raymund Konigk

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9:33 - 9:36 **TIME, UNCERTAINTY, FASHION, AND CHANGING PERCEPTIONS**  
**John Raimondo**, Raimondo and Associates, Canada  
William Fawcett

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9:37 - 9:44 **FUTURE OF ARCHITECTURE: FLEXIBILITY AS THE KEY CONCEPT**  
**Halleh Nejadriahi**, OCAD University, Canada

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9:45 - 10:00 **Q & A**

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**ACCORDING TO HOW YOU FEEL, MAKE YOUR CHOICE!**

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10:00 - 10:15 **ACTIVE BREAKS: STRETCHING AND CHAIR YOGA**

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10:00 - 10:15 **DISCOVER THE VIBRANT PUBLIC ART SCENE OF QUÉBEC CITY**

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10:00 - 10:15 **TUNE IN TO QUÉBEC'S MUSIC SCENE**

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10:00 - 10:15 **QUÉBEC WINTER WONDERLAND**

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**PLENARY SESSION**

VIRTUAL ROOM: 1

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10:15 - 12:00 **COVID-19 AND PERSON ENVIRONMENT STUDIES**

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**CLOSING CEREMONY**

VIRTUAL ROOM: 1

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12:00 - 13:00 **PRIZES, 2022 CONFERENCE AND AU REVOIR**

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