WARNING: This PDF program was completed with the most current information available on June 20th, 2020. Online program information is always the most up to date data if ever there is a discrepancy between the two schedules.
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Thank you to our Sponsors 44
# IAPS 2020 Conference - Program at a glance

*Please note that session titles are abbreviated*

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<tr>
<th>Virtual Room 8</th>
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<th>Virtual Room 10</th>
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<tbody>
<tr>
<td><strong>Sunday, June 21, 2020</strong></td>
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<tr>
<td>8:00</td>
<td>YOUNG RESEARCHERS WORKSHOP 1: WELCOME</td>
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<tr>
<td>8:45</td>
<td>YOUNG RESEARCHERS WORKSHOP 2: Sustainability</td>
<td>YOUNG RESEARCHERS WORKSHOP 3: Restorative environment</td>
</tr>
<tr>
<td>10:15</td>
<td>Break</td>
<td>YRW 2 (continues)</td>
</tr>
<tr>
<td>12:00</td>
<td>&quot;here we chat&quot;</td>
<td></td>
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</tbody>
</table>

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<thead>
<tr>
<th>Virtual room</th>
<th>1: Environmental hazards &amp; behaviors</th>
<th>2: Urban sustainability projects &amp; practices</th>
<th>3: Children &amp; youth environments</th>
<th>4: Built environment, aging &amp; lifecycle</th>
<th>5: Place experience, meaning &amp; representation</th>
<th>6: P-E research methods &amp; applications</th>
<th>7: Perspectives on P-E theory &amp; methods</th>
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<tbody>
<tr>
<td><strong>Monday, June 22, 2020</strong></td>
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<tr>
<td>8:00</td>
<td>OPENING: WELCOME TO IAPS 2020</td>
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<tr>
<td>8:45</td>
<td>SYMPOSIUM 08: Communication challenges for nature conservation</td>
<td>PAPER SESSION SYM-02: Food production and practices</td>
<td>INTENSIVE SESSION: Renovating schools estates with &quot;people in mind&quot;</td>
<td>PAPER SESSION SYM-07: Aging in place and aging in the right place</td>
<td>SYMPOSIUM 04: Home and time in the experience of migration</td>
<td>PAPER SESSION REG-15: Virtual reality technologies in P-E research</td>
<td>WORKSHOP: Sense and sensibility in design and users experience</td>
</tr>
<tr>
<td>10:15</td>
<td>Break: Discover a choice of activities</td>
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<tr>
<td>10:30</td>
<td>PAPER SESSION SYM-08: Sustainability: Research, policy and communication</td>
<td>SYMPOSIUM 02: Time for food growing?</td>
<td>INTENSIVE SESSION (cont.): Renovating schools estates with &quot;people in mind&quot;</td>
<td>SYMPOSIUM 07: &quot;The right&quot; to age-in-the-right-place</td>
<td>PAPER SESSION SYM-04: Migration: identity, attachment and inclusion</td>
<td>SYMPOSIUM 13: Methodologies to help people adapt to new technologies</td>
<td>WORKSHOP: It’s about time: Body conscious design</td>
</tr>
<tr>
<td>12:00</td>
<td>Learn about Quebec</td>
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| **Tuesday, June 23, 2020** | | | | | | | |
| 7:00 | Network meeting | Network Meeting | Network Meeting | Environ and Gerontology | Comm. Technology & Place | | |
| 8:00 | KEYNOTE: Anne Vernez Moudon. Community WITH propriety: 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: 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 REG-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 | | | | | | |

| **Wednesday, June 24, 2020** | | | | | | | |
| 8:00 | KEYNOTE: Zaha Hadid: The High Life Study evaluation of Apartment Projects 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-03: 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 | PAPER SESSION REG-19: Pre- and post design evaluation, | |
| 10:15 | Break: Discover a choice of activities | | | | | | |
| 10:30 | PAPER SESSION REG-10: The restorative contribution of nature and built environments | SYMPOSIUM 18: The role of lighting design for walking in urban settings | SYMPOSIUM 03: 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 REG-19: Research methods’ timeline: 50 years of PES | SYMPOSIUM 20: Home and time in the built environment | |

| **Thursday, June 25, 2020** | | | | | | | |
| 7:00 | Network meeting | Network Meeting | Network Meeting | Environ and Gerontology | Comm. Technology & Place | | |
| 8:00 | KEYNOTE: Fabio Druzione: A world of aging Architectures, loss without excess & populating | | | | | | |
| 8:45 | SYMPOSIUM 11: From mitigation to adaptation: resilience challenges | PAPER SESSION REG-13: Upgrading large housing estates: stakes and challenges | PAPER SESSION REG-07: Expanding our knowledge concerning aging populations | PAPER SESSION REG-14: Innovative places for work environments | PAPER SESSION REG-01: Re-conceptualizing arch. and urban design education | SYMPOSIUM 18: 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 | | | | | | |

| **Friday, June 26, 2020** | | | | | | | |
| 7:00 | Annual General Meeting of IAPS members | | | | | | |
| 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 | | | | | | |
# Oral Presentations

## Sunday, June 21, 2020

### Young Researchers Workshop

**Virtual Room: 1**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
</table>
| 8:00 - 8:45 | **Welcome**  
Karine Weiss, Université de Nîmes, France |

### YRW 01 - QoL, Care Units and Elderly People (Part 01)

**Virtual Room: 8**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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</table>
| 8:45 - 9:00 | **Studying Pauperization in Québec City (1971-2016): Methodological Insights and Comparative Preliminary Results**  
Louis-Pierre Beaudry, Université Laval, Canada |
| 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 |
| 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 |

### YRW 02 - Sustainability (Part 01)

**Virtual Room: 9**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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</table>
| 8:45 - 9:00 | **Ecological Grief and Mental Health: Impacts and Experiences of Undergraduate Students**  
Madison Cooper, Laurentian University, Canada |
| 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 |
| 9:45 - 10:00 | **People’s’ Responses to Renewable Energy Projects and Their Historical Roots**  
Sophia Kuepers, ISCTE, Portugal |

### YRW 03 - Restorative Environment (Part 01)

**Virtual Room: 10**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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</table>
| 8:45 - 9:00 | **Effects of Restorative Environments and Stress Reduction in Cancer Patients**  
Maricela Irepam-Aguilar, Universidad Nacional Autonoma de Mexico, Mexico |
| 9:15 - 9:30 | **Step Out Exploring Work Forms and Norms in the Urban Outdoors**  
Charlotte Petersson, Malmö University, Sweden |
| 9:45 - 10:00 | **Wayfinding in Healthcare Facilities and its Effects on Stress**  
Fei Qi, Tongji University, China |
### YRW 01 - QOL, CARE UNITS AND ELDERLY PEOPLE (PART 02)

**Virtual Room: 8**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker(s)</th>
</tr>
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<tbody>
<tr>
<td>10:30 - 10:45</td>
<td><strong>Evaluating the fitness for the elderly in the communities: Optimizing the LSES-ILE tool</strong></td>
<td>Yuliang Yan, Harbin Institute of Technology, China Dake Wei</td>
</tr>
<tr>
<td>11:00 - 11:15</td>
<td><strong>Computational models for measuring visual environment quality of the elderly’s bedroom in long-term care home</strong></td>
<td>Xi Li, Harbin Institute of Technology, China Dake Wei</td>
</tr>
<tr>
<td>11:30 - 11:45</td>
<td><strong>Where to locate patients with high risk for fall: Nurses’ subjective perspectives and space syntax objective analysis</strong></td>
<td>Mahshad Kazem Zadeh, University of Florida, United States</td>
</tr>
</tbody>
</table>

### YRW 02 - SUSTAINABILITY (PART 02)

**Virtual Room: 9**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>10:30 - 10:45</td>
<td><strong>Risk perception in residents of a mining area contaminated with arsenic</strong></td>
<td>Jaquelinne Resendiz, Universidad Nacional Autónoma de México, Mexico Patricia Ortega-Andeane</td>
</tr>
<tr>
<td>11:00 - 11:15</td>
<td><strong>Use of virtual reality to connect with the oceans and subsequent impact on packaging choice</strong></td>
<td>Sohvi Nuojua, University of Plymouth, United Kingdom Sabine Pahl, Richard Thompson</td>
</tr>
<tr>
<td>11:30 - 11:45</td>
<td><strong>Analysis of environmental concern in Russian regions facing environmental change</strong></td>
<td>Alexandra Ivanova, Higher School of Economics, Russian Federation</td>
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</table>

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

**Virtual Room: 10**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker(s)</th>
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</thead>
<tbody>
<tr>
<td>10:30 - 10:45</td>
<td><strong>How familiarity with green space moderates nature’s impact on psychological well-being</strong></td>
<td>Everly Jazi, The Ohio State University, United States Alia Dietsch</td>
</tr>
<tr>
<td>11:00 - 11:15</td>
<td><strong>Biophilic design and mental wellbeing: The impact of nature in architecture on positive emotions and prosocial behaviour</strong></td>
<td>Bing-Tao Lee, University of Cambridge, United Kingdom Koen Steemers</td>
</tr>
<tr>
<td>11:30 - 11:45</td>
<td><strong>Intermediate spaces of the north: A biophilic approach for inhabitants well-being and energy-efficient buildings</strong></td>
<td>Tarlan Abazari, Universite Laval, Canada Andre Potvin, Claude Demers</td>
</tr>
</tbody>
</table>

### “Here we chat” (Meal Time or Midnight Snack) 01

**Virtual Room: 1**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>12:00 - 13:00</td>
<td>Information to come</td>
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### “Here we chat” (Meal Time or Midnight Snack) 02

**Virtual Room: 2**

<table>
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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>12:00 - 13:00</td>
<td>Information to come</td>
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</tbody>
</table>
Monday, June 22, 2020

CONFERENCE OPENING
VIRTUAL ROOM: 1

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

INTENSIVE SESSION (PART 01) - RENOVATING SCHOOL ESTATES WITH “PEOPLE IN MIND”: THE CASES OF PORTUGAL, BELGIUM AND QUEBEC
VIRTUAL ROOM: 3

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

Luísa Veloso, Instituto Universitário de Lisboa ISCTE-IUL, Portugal

PAPER SESSION REG-15 - VIRTUAL REALITY TECHNOLOGIES IN P-E RESEARCH
VIRTUAL ROOM: 6

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

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

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

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

**VIRTUAL ROOM: 2**

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**

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

**SYMPOSIUM 04 - HOME AND TIME IN THE EXPERIENCE OF MIGRATION**

**VIRTUAL ROOM: 5**

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
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<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter(s)</th>
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<tbody>
<tr>
<td>9:16 - 9:28</td>
<td>EVOLUTION AND INTEGRATION OF THE GREEK COMMUNITY OF GREATER MONTREAL: A PERSPECTIVE ACROSS THREE GENERATIONS</td>
<td>Athanasios Boutas, Université de Montréal, Canada</td>
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<td>Sébastien Lord</td>
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<tr>
<td>9:29 - 9:41</td>
<td>URBAN SETTLEMENTS AND OBJECTS IN THE MIGRATORY EXPERIENCE IN SEARCH OF A NEW CHEZ-SOI. CASE ANALYSIS IN BARCELONA</td>
<td>Angela Castrechini, University of Barcelona, Spain</td>
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<td>Isabel Pellicer, Montserrat Morales, Maria Rosa Bonet, Enric Pol</td>
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<tr>
<td>9:42 - 9:54</td>
<td>OBJECTS FROM THE HOMELAND. MIGRANTS SENSE OF HOME THROUGH THEIR EMOTIONAL RELATIONSHIP WITH CULTURALLY SIGNIFICANT THINGS.</td>
<td>Enric Pol I Urrutia, University of Barcelona, Spain</td>
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<td>Souad Larbi Messaoud Rahali, Sébastien Lord</td>
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<tr>
<td>9:54 - 10:15</td>
<td>DISCUSSION</td>
<td>Sébastien Lord, University of Montreal, Canada</td>
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**SYMPOSIUM 08 - APPROACHES TO BRIDGE COMMUNICATION CHALLENGES FOR NATURE CONSERVATION, SUSTAINABILITY, AND HEALTH PROMOTION**

**VIRTUAL ROOM: 1**

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<tbody>
<tr>
<td>8:45 - 8:50</td>
<td>INTRODUCTION</td>
<td>Maria Johansson, Lund University, Sweden</td>
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<td></td>
<td>Eike von Lindern, University of Applied Sciences Darmstadt, Germany and Dialog N, Switzerland</td>
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<tr>
<td>8:50 - 9:02</td>
<td>DEVELOPMENT AND APPLICATION OF A THEORY-DRIVEN FRAMEWORK MODEL FOR MANAGERS, PRACTITIONERS AND RESEARCHERS IN ENVIRONMENTAL COMMUNICATION AND INTERVENTION PLANNING</td>
<td>Eike von Lindern, University of Applied Sciences Darmstadt, Germany and Dialog N, Switzerland</td>
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<td>Pamela Rackow</td>
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<tr>
<td>9:03 - 9:15</td>
<td>FARMERS AND THE MANAGEMENT OF WILD GESE: EXPLORING INTERACTIONS BETWEEN THE INDIVIDUAL AND MANAGEMENT LEVELS</td>
<td>Louise Eriksson, Kristianstad University, Sweden</td>
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<td>Maria Johansson, Johan Månsson, Steven Redpath, Camilla Sandström, Johan Elmberg</td>
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<tr>
<td>9:16 - 9:28</td>
<td>DO WE NEED TO REFRAME OUR UNDERSTANDING OF ENVIRONMENTAL COMMUNICATION? BEYOND INSTRUMENTAL CONCEPTS OF COMMUNICATION FOR SUSTAINABILITY</td>
<td>Anke Fischer, Swedish University of Agricultural Sciences, Sweden</td>
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<td>Lars Hallgren, Kaisa Raitio, Erica von Essen</td>
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<tr>
<td>9:29 - 9:41</td>
<td>COMMUNICATION INTERVENTIONS TO ADDRESS PEOPLE’S FEAR OF LARGE CARNIVORES</td>
<td>Maria Johansson, Lund University, Sweden</td>
</tr>
<tr>
<td>9:42 - 9:54</td>
<td>HOW TO SUCCESSFULLY APPLY BEHAVIOUR CHANGE TECHNIQUES (BCTS) WITHIN THE FRAMEWORK MODEL TO FACILITATE COMMUNICATION FOR PROMOTING ENVIRONMENTALLY FRIENDLY BEHAVIOR</td>
<td>Pamela Rackow, University of Stirling, United Kingdom</td>
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<td>Eike von Lindern</td>
</tr>
<tr>
<td>9:54 - 10:15</td>
<td>DISCUSSION</td>
<td>Maria Johansson, Lund University, Sweden</td>
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**WORKSHOP 01**

**VIRTUAL ROOM: 7**

<table>
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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>8:45 - 10:15</td>
<td>SENSE AND SENSIBILITY: A TIME TO RECONSIDER THE ROLE OF THE SENSES IN DESIGN AND EXPERIENCE OF USERS</td>
<td>Susan Drucker, Hofstra University, United States</td>
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<td>Gary Gumper, Peter Hecht, Richard Wener</td>
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</tbody>
</table>
### YRW 04 - LIVING SPACES (PART 01)

**VIRTUAL ROOM: 8**

**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

**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

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

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

**VIRTUAL ROOM: 9**

**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

**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

**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

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

**VIRTUAL ROOM: 10**

**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

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

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

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

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

VIRTUAL ROOM: 3

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

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

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

VIRTUAL ROOM: 5

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

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

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

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

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

VIRTUAL ROOM: 1

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, Silvia Luís, Tânia Santos

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

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

Sherry Ahrentzen, University of Florida, United States
Lynne Dearborne
## SYMPOSIUM 02 - TIME FOR FOOD GROWING? EXPLORING RELATIONSHIPS BETWEEN FOOD GROWING, WELLBEING AND SUSTAINABLE ENVIRONMENTS OVER TIME

**VIRTUAL ROOM: 2**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
<th>Institution(s)</th>
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</thead>
<tbody>
<tr>
<td>10:30 - 10:35</td>
<td><strong>INTRODUCTION</strong></td>
<td>Elizabeth Dinnie</td>
<td>The James Hutton Institute, United Kingdom</td>
</tr>
<tr>
<td>10:35 - 10:47</td>
<td><strong>TIME FOR TRANSFORMATION? TECHNOLOGY AND TRADITION IN FOOD GROWING PRACTICES IN URBAN AREAS</strong></td>
<td>Elizabeth Dinnie</td>
<td>The James Hutton Institute, United Kingdom</td>
</tr>
<tr>
<td>10:48 - 11:00</td>
<td><strong>TRANSITION TOWARDS CLIMATE SMART AGRICULTURE - LONGITUDINAL EXPERIMENT OF THE VBN-THEORY</strong></td>
<td>Jaana Sorvali</td>
<td>Natural Resources Institute, Finland</td>
</tr>
<tr>
<td>11:01 - 11:13</td>
<td><strong>MOTIVATIONS ON URBAN AGRICULTURE AS DETERMINANTS OF HEALTH IN DEPRIVED NEIGHBORHOODS: CASES OF TWO DIFFERENT CITIES</strong></td>
<td>Pierre Paul Audate</td>
<td>Université Laval, Canada</td>
</tr>
<tr>
<td>11:14 - 11:26</td>
<td><strong>FOOD GROWING IN HOME GARDENS IN AND AROUND QUEBEC CITY: FROM PRAGMATIC TO EXPRESSIVE PRACTICES AND MEANINGS</strong></td>
<td>Manon Boulianne</td>
<td>Université Laval, Canada</td>
</tr>
<tr>
<td>11:26 - 12:00</td>
<td><strong>DISCUSSION</strong></td>
<td>Nazli Koseoglu</td>
<td>The James Hutton Institute, United Kingdom</td>
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</tbody>
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## SYMPOSIUM 07 - DO OLDER ADULTS HAVE “THE RIGHT” TO AGE-IN-THE-RIGHT-PLACE?

**VIRTUAL ROOM: 4**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
<th>Institution(s)</th>
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<tbody>
<tr>
<td>10:30 - 10:35</td>
<td><strong>INTRODUCTION</strong></td>
<td>Sarah Canham</td>
<td>University of Utah, United State</td>
</tr>
<tr>
<td>10:35 - 10:47</td>
<td><strong>HOMEISM: NAMING DISCRIMINATION AGAINST PERSONS EXPERIENCING HOMELESSNESS</strong></td>
<td>Sarah Canham</td>
<td>University of Utah, United States</td>
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<td>Joe Humphries</td>
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<tr>
<td>10:48 - 11:00</td>
<td><strong>THE ROLE OF COMMUNITY DEVELOPMENT INITIATIVES IN ADDRESSING HOUSING INSECURITY OF OLDER ADULTS IN AFFORDABLE RENTAL HOUSING: VANCOUVER BASED CASE STUDY</strong></td>
<td>Muhammad Qureshi, Georgia Akbarnejad, Rahil Adeli, Carolina Ibarra</td>
<td>Simon Fraser University, Canada</td>
</tr>
<tr>
<td>11:01 - 11:13</td>
<td><strong>PROMISING PRACTICE MODELS THAT SUPPORT AGING IN THE RIGHT PLACE FOR OLDER PERSONS EXPERIENCING HOMELESSNESS IN MONTREAL, CALGARY, AND VANCOUVER</strong></td>
<td>Christine A. Walsh</td>
<td>University of Calgary, Canada</td>
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<td>Humphries Joe, Sarah Canham, Natasha Dharshi, Victoria Burns, Tamara Sussman, Jackson Hagner</td>
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<tr>
<td>11:14 - 11:26</td>
<td><strong>SHELTER/HOUSING MODELS THAT SUPPORT AGING IN THE RIGHT PLACE FOR OLDER PERSONS EXPERIENCING HOMELESSNESS</strong></td>
<td>Atiya Mahmood</td>
<td>Simon Fraser University, Canada</td>
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<td>Humphries Joe, Piper Moore, Sarah Canham</td>
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<tr>
<td>11:27 - 11:39</td>
<td><strong>‘NIGHT SERVICES AT HOME’: TOWARDS ‘AGEING IN THE RIGHT PLACE’ AT THE END-OF-LIFE</strong></td>
<td>Mei Lan Fang</td>
<td>University of Dundee, United Kingdom</td>
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<td>Judith Sixsmith, Alison Ward, Stephen Spiro</td>
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<tr>
<td>11:39 - 12:00</td>
<td><strong>DISCUSSION</strong></td>
<td>Sarah Canham</td>
<td>University of Utah, United States</td>
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</tbody>
</table>
## SYMPOSIUM 13 - USING FAMILIAR, BUT DIVERSE, METHODOLOGIES TO HELP PEOPLE ADAPT TO NEW TECHNOLOGIES IN CONTEMPORARY ENVIRONMENTS

### Virtual Room: 6

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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</thead>
<tbody>
<tr>
<td>10:30 - 10:35</td>
<td><strong>Introduction</strong></td>
<td>Jennifer Veitch, National Research Council Canada, Canada</td>
</tr>
</tbody>
</table>
| 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 |
| 10:48 - 11:00 | **Modelling the Value to Organizations of Satisfying Environmental Conditions** | Jennifer A. Veitch, National Research Council Canada, Canada  
Natalia Cooper |
| 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 |
| 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 |
| 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 |
| 11:39 - 12:00 | **Discussion**                                                          | Jennifer Veitch, National Research Council Canada, Canada |

### WORKSHOP 02

### Virtual Room: 7

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenters</th>
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</table>
| 10:30 - 12:00 | **It’s About Time: Body Conscious Design**                              | Galen Cranz, University of California at Berkeley, United States  
Gourab Kar, University of California at Berkeley, United States  
Chelsea Rushton |

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

### Virtual Room: 8

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenters</th>
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<tbody>
<tr>
<td>10:35 - 10:50</td>
<td><strong>Revisiting Governance According to the Prism of Dwelling’s Cultures: The Case of the Housing Production System in Nunavik</strong></td>
<td>Marika Vachon, Université Laval, Canada</td>
</tr>
</tbody>
</table>
| 11:05 - 11:20 | **An Experimental Study on the Influence of Environmental Noise on Students’ Emotion** | Zhen Zhang, Tongji University, China  
Leiqig Xu |
| 11:35 - 11:50 | **Hidden in Plain Sight: Design Ethnography, Social Justice, and Sex Work** | Alison Grittner, University of Calgary, Canada |
YRW 05 - SCHOOLS AND LEARNING ENVIRONMENTS (PART 02)

VIRTUAL ROOM: 9

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

YRW 06 - URBAN ENVIRONMENT AND CITIZEN PARTICIPATION (PART 02)

VIRTUAL ROOM: 10

10:35 - 10:50 TRANSFORMING CITIES: CITIZEN PARTICIPATION IN URBAN PLANNING, THE CASE OF VALLCARCA, IN BARCELONA
Laura Benitez, 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

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

LEARN ABOUT QUEBEC

VIRTUAL ROOM: 2

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

12:00 - 12:30 LIVING IN NORTHERN QUEBEC
Geneviève Vachon, École d’architecture, Université Laval, Canada

YOUNG RESEARCHERS WORKSHOP

VIRTUAL ROOM: 8

12:05 - 13:05 LET’S CELEBRATE
Tuesday, June 23, 2020

**NETWORK MEETING 01**

VIRTUAL ROOM: 1

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

**NETWORK MEETING 02**

VIRTUAL ROOM: 4

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

**NETWORK MEETING 03**

VIRTUAL ROOM: 7

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

**GUEST SPEAKER**

VIRTUAL ROOM: 1

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

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

VIRTUAL ROOM: 2

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

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

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

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
PAPER SESSION REG-04 - GREEN BUILDINGS AND TECHNOLOGIES
VIRTUAL ROOM: 6

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

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 OMUTA 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

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**

**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

### Symposium 09 - Autonomy and Independence in Urban Environments. Between Youth and Old Age, What Inequalities and Opportunities Over Life Cycles?

**Virtual Room: 4**

**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**  
**INSECURITY, 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
SYMPOSIUM 12 - RENOVATING PUBLIC SCHOOLS FOR FUTURE GENERATIONS

VIRTUAL ROOM: 3

8:45 - 8:50  INTRODUCTION
Catinca 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

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
Catinca Adriana Stan, Université Laval, Canada

ACCORDING TO HOW YOU FEEL, MAKE YOUR CHOICE!

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

10:35 - 10:49  TOWARD THE LAYOUT OF SEATING AREAS FOR RESTORATION FROM MUSEUM FATIGUE –BASED ON A BEHAVIORAL OBSERVATION SURVEY
Dukwoon 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

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

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

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**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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</table>
| 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  
  Silvia Pina, Regina Ruchel, Arivaldo 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**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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</table>
| 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 Formaro, 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**  
  Sigrun Kabisch, Helmholtz Centre for Environmental Research, Germany  
  Sébastien Lord, University of Montreal, Canada                                                   |
# 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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<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>10:30 - 10:35</td>
<td>INTRODUCTION</td>
<td>Rober Gifford, University of Victoria, Canada</td>
</tr>
<tr>
<td>10:35 - 10:47</td>
<td>USING BEHAVIORAL SCIENCE TO REDUCE ENERGY USE AT HOME</td>
<td>Reuven Sussman, American Council for an Energy-Efficient Economy, United States; Emma Cooper</td>
</tr>
<tr>
<td>10:48 - 11:00</td>
<td>SOCIAL PERCEPTIONS OF ENVIRONMENTALISTS</td>
<td>Elizabeth (Liz) Williams, University of Victoria, Canada</td>
</tr>
<tr>
<td>11:01 - 11:13</td>
<td>MESSAGE VS MESSENGER: A FEW DEPRESSING REALITIES ABOUT CLIMATE CHANGE COMMUNICATION</td>
<td>Donald Hine, University of Canterbury, New Zealand</td>
</tr>
<tr>
<td>11:14 - 11:26</td>
<td>PSYCHOLOGICAL DISTANCE AND THE THEORY OF PLANNED BEHAVIOR IN SUSTAINABLE FOOD CHOICES</td>
<td>Peter Sugrue, University of Victoria, Canada</td>
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<tr>
<td>11:26 - 11:47</td>
<td>DISCUSSION</td>
<td>Rober Gifford, University of Victoria, Canada</td>
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**JOIN AN INFORMAL CONVERSATION ABOUT PERSON-ENVIRONMENT ISSUES**

**VIRTUAL ROOM: 1**

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<th>Time</th>
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<th>Speaker(s)</th>
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<tbody>
<tr>
<td>12:00 - 13:00</td>
<td>ENVIRONMENTAL HAZARD ADAPTATION AND PRO-ENVIRONMENT BEHAVIORS</td>
<td>Henk Staats, Leiden University, Netherlands</td>
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**JOIN AN INFORMAL CONVERSATION ABOUT PERSON-ENVIRONMENT ISSUES**

**VIRTUAL ROOM: 2**

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<th>Time</th>
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<tr>
<td>12:00 - 13:00</td>
<td>URBAN SUSTAINABILITY: RESEARCH, PROJECTS AND POLICIES</td>
<td>Susana Batel, Instituto Universitário de Lisboa ISCTE-IUL, Portugal</td>
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**JOIN AN INFORMAL CONVERSATION ABOUT PERSON-ENVIRONMENT ISSUES**

**VIRTUAL ROOM: 3**

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<th>Time</th>
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<tr>
<td>12:00 - 13:00</td>
<td>TOWARDS DIVERSE CITIES, INCLUSIVE OF ALL AGE AND SOCIOCULTURAL GROUPS</td>
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**JOIN AN INFORMAL CONVERSATION ABOUT PERSON-ENVIRONMENT ISSUES**

**VIRTUAL ROOM: 4**

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<tr>
<td>12:00 - 13:00</td>
<td>PLACE MEANING, REPRESENTATIONS AND ATTACHMENT</td>
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**JOIN AN INFORMAL CONVERSATION ABOUT PERSON-ENVIRONMENT ISSUES**

**VIRTUAL ROOM: 5**

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<th>Time</th>
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<tbody>
<tr>
<td>12:00 - 13:00</td>
<td>HEALTHY AND COMFORTABLE ENVIRONMENTS FOR EVERYDAY SETTINGS</td>
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**JOIN AN INFORMAL CONVERSATION ABOUT PERSON-ENVIRONMENT ISSUES**

**VIRTUAL ROOM: 6**

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<th>Time</th>
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<tbody>
<tr>
<td>12:00 - 13:00</td>
<td>VIEWS ON PERSON-ENVIRONMENT THEORY, METHODS AND ISSUES</td>
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### Wednesday, June 24, 2020

#### COVID-19 FORUM 01
**Virtual Room: 1**

**7:00 - 7:55**
**Impacts of the Pandemic on Housing**
Roberta Feldman, University of Illinois at Chicago, United States

#### COVID-19 FORUM 02
**Virtual Room: 3**

**7:00 - 7:55**
**Promises from the Digital World During/After COVID Confinement**
Gary Gumpert, Urban Communication Foundation, United States

#### COVID-19 FORUM 03
**Virtual Room: 7**

**7:00 - 7:55**
**Design and Research During and After the Pandemic**
Aleya Abdel-Hadi, University of Helwan, Egypt

#### Guest Speaker
**Virtual Room: 1**

**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

#### Paper Session REG-02 - University Campuses: Innovative Methods for Planning and Design
**Virtual Room: 2**

**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

**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

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

**VIRTUAL ROOM: 1**

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

**VIRTUAL ROOM: 7**

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<tr>
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<tbody>
<tr>
<td>8:50 - 9:04</td>
<td><strong>IT’S TIME TO RETHINK THE POE: USING LONGITUDINAL RESEARCH METHODS TO BETTER UNDERSTAND AND INTERPRET HUMAN-ENVIRONMENT INTERACTIONS</strong>&lt;br&gt;Renae Rich, HDR, United States&lt;br&gt;Francesqca Jimenez</td>
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<tr>
<td>9:10 - 9:24</td>
<td><strong>RESEARCH ON INDOOR ENVIRONMENT OF OUTPATIENT DEPARTMENT OF SMART GENERAL HOSPITAL BASED ON USER NEEDS</strong>&lt;br&gt;Mengqi Li, Tongji University, China&lt;br&gt;Leiquig Xu</td>
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<tr>
<td>9:30 - 9:44</td>
<td><strong>MAKING THE CASE FOR NATURE: TRAUMA INFORMED DESIGN + BUILD FOR CHILDREN</strong>&lt;br&gt;Julie Stevens, Iowa State University, United States&lt;br&gt;Amy Wagenfeld, Chad Kennedy</td>
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# PAPER SESSION SYM-01 - ENVIRONMENTAL EXPERIENCES AND CHILD DEVELOPMENT

**VIRTUAL ROOM: 3**

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<th>Authors</th>
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<tr>
<td>8:50 - 9:04</td>
<td><strong>GROWING UP IN CITIES IN THE EARLY 21ST CENTURY</strong>&lt;br&gt;Angela Kreutz, Deakin University, Australia&lt;br&gt;Beau Beza</td>
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<tr>
<td>9:10 - 9:24</td>
<td><strong>STOCHASTIC ENVIRONMENTAL PROPERTIES AND EARLY CHILD DEVELOPMENT</strong>&lt;br&gt;Gary Evans, Cornell University, United States&lt;br&gt;Stacey Doan</td>
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<td>9:30 - 9:44</td>
<td><strong>CONNECTING WITH NATURE, ACKNOWLEDGING ENVIRONMENTAL LOSS, AND FINDING HOPE</strong>&lt;br&gt;Louise Chawla, University of Colorado, United States</td>
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<td>9:50 - 10:04</td>
<td><strong>PLAY-BASED LEARNING USING GARDENS IN EARLY CHILDCARE CENTERS: THE IMPORTANCE OF LOCATION, USABILITY, AND INCORPORATION IN CHILDRENS DAILY ROUTINES</strong>&lt;br&gt;Nicole Yantzi, Laurentian University, Canada&lt;br&gt;Yovita Gwekwerere</td>
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PAPER SESSION SYM-03 - REPRESENTATIONS, IDENTITY AND PLACE ATTACHMENT

VIRTUAL ROOM: 5

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

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

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 Hägskola, Sweden
Christin Mellner, Josefin Björk, Tuija Muhonen, Hanne Berthelsen

9:41 - 10:15  DISCUSSION
Susanna Toivanen, Mälardalens Hägskola, Sweden

ACCORDING TO HOW YOU FEEL, MAKE YOUR CHOICE!

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-10 - THE RESTORATIVE CONTRIBUTION OF NATURE AND BUILT ENVIRONMENTS
VIRTUAL ROOM: 1

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

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 Lumiére 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

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

SYMPOSIUM 01 - PROCESSES, PRACTICES & POLICIES TO PROMOTE THE INCLUSION OF YOUTH IN THE PUBLIC REALM
VIRTUAL ROOM: 3

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

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

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

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

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

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

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

SYMPOSIUM 03 - MENTAL MAPS FROM COLLECTIVE MEMORIES, SOCIAL RELATIONSHIPS AND SOCIAL POSITIONS
VIRTUAL ROOM: 5

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

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

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

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
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 Chailliet

11:27 - 11:39  COMMUNITY AND PLACE ATTACHMENT: AN INTERROGATION BY USING THE CASE OF SUADIYE, KADIKÖY
Hulya Turgut, Ozyegin University, Turkey

11:39 - 12:00  DISCUSSION
Thierry Ramadier, Laboratoire SAGE, Université de Strasbourg, France

SYMPOTISM 06 - INTERGENERATIONAL PLACE-MAKING: ADDRESSING HEALTH AND WELLBEING FOR DIVERSE COMMUNITIES

VIRTUAL ROOM: 4

10:30 - 10:35  INTRODUCTION
Mei Fang, University of Dundee, United Kingdom

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

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

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

11:14 - 11:26  AGE FRIENDLY NARRATIVES: A VISUAL SYNTHESIS OF AGE FRIENDLY ECOSYSTEMS
Alison Hamilton-Pryde, Heriot-Watt University, United Kingdom

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

11:39 - 12:00  DISCUSSION
Mei Fang, University of Dundee, United Kingdom
Judith Sixsmith, University of Dundee, United Kingdom

SYMPOTISM 18 - THE ROLE OF LIGHTING DESIGN FOR WALKING IN URBAN SETTINGS

VIRTUAL ROOM: 2

10:30 - 10:35  INTRODUCTION
Maria Johansson, Lund University, Sweden

10:35 - 10:47  A PSYCHOLOGICAL PERSPECTIVE ON PEDESTRIANS’ MICROSCOPIC BEHAVIOUR ALONG ARTIFICIALLY LIT PATHS
Maria Johansson, Lund University, Sweden
Maria Johansson, Mikael Nilsson

10:48 - 11:00  PUBLIC OUTDOOR LIGHTING FOR VISUALLY IMPAIRED PEDESTRIANS - AN EMPIRICAL FIELD STUDY
Pinkamol Mattsson, Lund University, Sweden
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 Lucia Tonello, Natalia Valladares

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

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

11:39 - 12:00 DISCUSSION

SYMPOSIUM 20 - RESEARCH METHODS’ TIMELINE: 50 YEARS OF PEOPLE-ENVIRONMENT STUDIES
VIRTUAL ROOM: 7

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

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

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

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

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

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

COVID-19 FORUM 04
VIRTUAL ROOM: 1

12:00 - 12:55 URBAN SYNCHRONY AND PROXIMITY: MOBILITY AND TRAVEL WHEN PATHOGENS GO VIRAL
Michael Doyle, Université Laval, Canada
COVID-19 FORUM 05
VIRTUAL ROOM: 3
12:00 - 12:55 ENVIRONMENTAL NORMS THROUGH COVID PERSPECTIVES
Ricardo Garcia-Mira, University of A Coruna, Spain

COVID-19 FORUM 06
VIRTUAL ROOM: 5
12:00 - 12:55 CHANGES IN BUILDING CRITERIA INTEGRATING PANDEMIC RISK
Sherry Ahrentzen, University of Florida, United States

COVID-19 FORUM 07
VIRTUAL ROOM: 7
12:00 - 12:55 LIFE CYCLES AND THE CITY IN AN ERA OF PANDEMIC
Juan Torres, Université de Montréal, Canada
### Thursday, June 25, 2020

#### NETWORK MEETING 05

**VIRTUAL ROOM: 3**  

**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**  

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

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#### GUEST SPEAKER

**VIRTUAL ROOM: 1**  

**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**  

**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*

**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*

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

**9:50 - 10:04**  
**INVESTIGATING ART + DESIGN INCUBATORS AS PLACES OF CO-CREATION**  
*Newton Dsouza*, Florida International University, United States  
*Asha Kutty*
### PAPER SESSION REG-07 - EXPANDING OUR KNOWLEDGE CONCERNING AGING POPULATIONS

**VIRTUAL ROOM: 4**

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<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
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<tbody>
<tr>
<td>8:50 - 9:04</td>
<td><strong>THE ASSOCIATION IN PHYSICAL AND SOCIAL FEATURES OF URBAN GREENWAYS, AND OUTDOOR ACTIVITY AMONG OLDER RESIDENTS</strong>&lt;br&gt;Po-Ju Chang, National Taiwan University, Taiwan (Republic of China)</td>
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<tr>
<td>9:10 - 9:24</td>
<td><strong>WHAT ARE THE DIFFICULTIES THE SENIOR RESIDENTS FACING IN OLD COMMUNITIES IN DALIAN, CHINA?</strong>&lt;br&gt;Wenting Yu, Dalian University of Technology, China&lt;br&gt;Bo Zhou, Ke Fang, Yifei Luan, Yue Fan</td>
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<tr>
<td>9:30 - 9:44</td>
<td><strong>SEX BASED SUBGROUP DIFFERENCES AMONG CAREGIVERS OF SENIORS WITH COGNITIVE IMPAIRMENT IN URBAN/RURAL ENVIRONMENT: A STEPPED WEDGE CLUSTER RANDOMISED TRIAL</strong>&lt;br&gt;Lionel Adisso, Université Laval, Canada&lt;br&gt;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</td>
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<tr>
<td>9:50 - 10:04</td>
<td><strong>A RESEARCH MODEL ON INTERDISCIPLINARY ELDER-FRIENDLY COMMUNITY FORMED UNDER SENSING TECHNOLOGY—RESEARCH ON ENVIRONMENTAL BEHAVIOR BASED ON BIG DATA</strong>&lt;br&gt;Li-wen Sung, National Cheng Kung University, Taiwan (Republic of China)</td>
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### PAPER SESSION REG-13 - UPGRADING LARGE HOUSING ESTATES: STAKES AND CHALLENGES

**VIRTUAL ROOM: 2**

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<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
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<tr>
<td>8:50 - 9:04</td>
<td><strong>UPGRADING AS A MATTER OF TIME AND PLACE: LIVING LABS FOR SOCIAL HOUSING</strong>&lt;br&gt;Doris Kowaltowski, University of Campinas UNICAMP, Brazil&lt;br&gt;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</td>
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<tr>
<td>9:10 - 9:24</td>
<td><strong>A STUDY ON THE REMODELING SCENARIO FOR ACTIVE IMPROVEMENT OF DETERIORATED APARTMENT IN KOREA</strong>&lt;br&gt;Seungkwang Shon, Dongshin University, Korea, Republic of (South Korea)&lt;br&gt;Donghwa Shon</td>
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<tr>
<td>9:30 - 9:44</td>
<td><strong>DYNAMICS AND PERSISTENCE: THE TRAJECTORY OF LARGE HOUSING ESTATES ILLUSTRATED BY A 40 YEAR LONG-TERM CASE STUDY</strong>&lt;br&gt;Sigrun Kabisch, Helmholtz Centre for Environmental Research, Germany</td>
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<tr>
<td>9:50 - 10:04</td>
<td><strong>INSTALLATION AS A PROJECT OWNERSHIP AND SOLIDARITY TO WARD OFF THE WORRYING FUTURE</strong>&lt;br&gt;Audrey Courbebaisse, Ecole nationale supérieure d’architecture de Toulouse, France&lt;br&gt;Daniel Pinson</td>
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### PAPER SESSION REG-14 - URBAN BEHAVIORS AND ACTIVITY SPACES

**VIRTUAL ROOM: 5**

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<th>Time</th>
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<th>Speaker(s)</th>
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<tr>
<td>8:50 - 9:04</td>
<td>HOW DO PEOPLE PERCEIVE URBAN CHANGE, AND WHY DOES THIS MATTER? A QUALITATIVE INVESTIGATION OF SUSTAINABILITY INITIATIVES IN MONTREAL</td>
<td>Marina Najjar, Team INTERACT, Canada, Julie Karmann, François Vanier, Callista Ottoni, Sébastien Lord, Meghan Winters, Daniel Fuller, Yan Kestens</td>
</tr>
<tr>
<td>9:10 - 9:24</td>
<td>INVESTIGATION ON THE RESIDENTS’ DAILY ACTIVITY AFTER THE CONSTRUCTION OF METRO STATION</td>
<td>Wei Lu, Dalian University of Technology, China</td>
</tr>
<tr>
<td>9:30 - 9:44</td>
<td>AN INNOVATIVE METHOD OF OBSERVING THE PEOPLE-TIME-ENVIRONMENT RELATIONSHIP: RECONNECTING USERS BETWEEN OLD MONTREAL AND THE OLD PORT</td>
<td>Priscilla Ananian, University of Quebec in Montreal, Canada, Ariane Perras</td>
</tr>
<tr>
<td>9:50 - 10:04</td>
<td>CONSIDERING SUSTAINABILITY AS A COLLABORATIVE AS WELL AS INDIVIDUAL BEHAVIOUR: THE CASE OF ENERGY SAVING IN THE UK AND MEXICO</td>
<td>Caroline Leygue, Universidad Nacional Autonoma de Mexico, Mexico, Alexa Spence, Patricia Ortega Andeane</td>
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### SYMPOSIUM 11 - FROM MITIGATION TO ADAPTATION BEHAVIORS: UNDERSTANDING RESILIENCE AND ITS LONG-TERM CHALLENGES

**VIRTUAL ROOM: 1**

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<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>8:45 - 8:50</td>
<td>INTRODUCTION</td>
<td>Silvia Ariccio, Sapienza University of Rome, Italy</td>
</tr>
<tr>
<td>8:50 - 9:02</td>
<td>AS THE WORLD BURNS: UNDERSTANDING THE PSYCHOLOGICAL IMPACTS OF CLIMATE CHANGE ON YOUNG AUSTRALIANS TO PROMOTE RESILIENCE</td>
<td>Amy Lykins, University of New England, Australia, Don Hine, Suzanne Cosh, Belinda Craig, Clara Murray, Melissa Parsons</td>
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<tr>
<td>9:03 - 9:15</td>
<td>NEAR-MISS EFFECT ON INDIVIDUALS’ PERCEPTION OF FLOODING RISK AND PROTECTIVE RESPONSES</td>
<td>Simona Sacchi, University of Milano-Bicocca, Italy, Alessandro Bogani, Giulio Faccenda, Luca Pancani, Juliette Richetin, Paolo Riva</td>
</tr>
<tr>
<td>9:16 - 9:28</td>
<td>THE SEISMIC RESILIENCE QUESTIONNAIRE: A TOOL FOR POLICY MAKING IN EARTHQUAKE-PRONE AREAS</td>
<td>Silvia Ariccio, Sapienza University of Rome, Italy, Marino Bonaiuto</td>
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<tr>
<td>9:29 - 9:41</td>
<td>RESILIENCE AND RISK: TOWARDS AN ALTERNATIVE AND MORE SUSTAINABLE LIFESTYLE</td>
<td>Ricardo García-Mira, University of A Coruna, Spain, Isabel Lema-Blanco</td>
</tr>
<tr>
<td>9:42 - 9:54</td>
<td>AWE, INSPIRATION, AND ENVIRONMENTAL EFFICACY: CAN WE ‘WOW!’ OUR WAY OUT OF CLIMATE MELANCHOLIA?</td>
<td>Chris Neale, University of Virginia, United States, Maura Austin, Ben Converse, Jenny Roe</td>
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<tr>
<td>9:54 - 10:15</td>
<td>DISCUSSION</td>
<td>Marino Bonaiuto, Sapienza Università di Roma, Italy</td>
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### SYMPOSIUM 16 - RE-CONCEPTUALIZING ARCHITECTURAL AND URBAN DESIGN EDUCATION THROUGH A PEOPLE-CENTRED, MULTIDISCIPLINARY INTEGRATIVE APPROACH

**VIRTUAL ROOM: 7**

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<th>Time</th>
<th>Session</th>
<th>Speakers</th>
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<tr>
<td>8:45 - 8:50</td>
<td><strong>INTRODUCTION</strong></td>
<td>Dina Shehayeb, Nile University, Egypt</td>
</tr>
<tr>
<td>8:50 - 9:02</td>
<td><strong>BRIDGING THE GAP BETWEEN EDUCATION AND PRACTICE IN ARCHITECTURE AND URBAN DESIGN: AN EXPLORATORY STUDY</strong></td>
<td>Ferdinando Fornara, University of Cagliari, Italy; Dina Shehayeb</td>
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<tr>
<td>9:03 - 9:15</td>
<td><strong>PEDAGOGY FOR ENVIRONMENT-BEHAVIOUR STUDIES: A VOICE FROM THE GLOBAL SOUTH</strong></td>
<td>Smita Khan, Visvesvaraya National Institute of Technology, India</td>
</tr>
<tr>
<td>9:16 - 9:28</td>
<td><strong>A NEW OLDER WAY OF LEARNING: THE RAIC SYLLABUS PROGRAM CONSIDERED</strong></td>
<td>John Raimondo, Raimondo &amp; Associates, Architects, Canada; William Compton, RAIC Syllabus Program, United Kingdom; Ian Ellingham</td>
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<tr>
<td>9:29 - 9:41</td>
<td><strong>COALITION BUILDING IN ARCHITECTURAL PEDAGOGY: PREPARING STUDENTS FOR A CHANGING WORLD</strong></td>
<td>Olivier Vallerand, Arizona State University, United States</td>
</tr>
<tr>
<td>9:42 - 9:54</td>
<td><strong>ON THE PERSON AND THE MILIEU: A COMMUNICATIONAL MODEL FOR THINKING THE POLITICAL NATURE OF ARCHITECTONIC ARTICULATION</strong></td>
<td>Michael Doyle, Université Laval, Canada</td>
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<tr>
<td>9:54 - 10:15</td>
<td><strong>DISCUSSION</strong></td>
<td>Ashraf Salama, University of Strathclyde, United Kingdom</td>
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### SYMPOSIUM 21 - ADDRESSING YOUTH INCARCERATION: TRAUMA AND DECARCERATION IN RESEARCH AND PRACTICE

**VIRTUAL ROOM: 3**

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<th>Time</th>
<th>Session</th>
<th>Speakers</th>
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<tr>
<td>8:45 - 8:50</td>
<td><strong>INTRODUCTION</strong></td>
<td>Julia W. Robinson, University of Minnesota, United States</td>
</tr>
<tr>
<td>8:50 - 9:02</td>
<td><strong>DESIGNING THERAPEUTIC CENTERS FOR YOUTH</strong></td>
<td>Robert Boraks, Parkin Architects Limited, Carleton University Ottawa, Canada</td>
</tr>
<tr>
<td>9:03 - 9:15</td>
<td><strong>DESIGNING FOR ACCOUNTABILITY: DECARCERATION THROUGH RESTORATIVE JUSTICE-INFORMED DESIGN</strong></td>
<td>Barb Toews, University of Washington Tacoma, United States</td>
</tr>
<tr>
<td>9:16 - 9:28</td>
<td><strong>THE ROLE OF DESIGN AND PLACE IN TRANSITIONING YOUTH JUSTICE IN AUSTRALIA</strong></td>
<td>Rohan Lulham, University Of Technology Sydney, Australia; Kevin Bradley</td>
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<td>9:29 - 9:41</td>
<td><strong>juvenilE reHABilitatIOn: deSign studIo reSeArcH</strong></td>
<td>Julia Williams Robinson, University of Minnesota, United States; Daniel Treinen, Angela L. Cousins</td>
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<tr>
<td>9:42 - 9:54</td>
<td><strong>At hOme In nature: deSignIng prIsOn gardens And plaYScapes For children And their Mothers</strong></td>
<td>Julie Stevens, Iowa State University, United States; Amy Wagenfeld, Barb Toews</td>
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<tr>
<td>9:54 - 10:15</td>
<td><strong>DISCUSSION</strong></td>
<td>Julia W. Robinson, University of Minnesota, United States</td>
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</table>
**ACCORDING TO HOW YOU FEEL, MAKE YOUR CHOICE!**

| 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-06 - REVITALIZATION OF PRECARIOUS LIVING ENVIRONMENTS**

**VIRTUAL ROOM: 2**

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

**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

**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

**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

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

**VIRTUAL ROOM: 4**

**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

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

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

**VIRTUAL ROOM: 3**

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<tr>
<td>10:35 - 10:49</td>
<td>EFFECT OF A HANDS-ON-ENVIRONMENTAL EDUCATION PROGRAM IN CHILDREN’S PRO-ENVIRONMENTALISM</td>
<td>José A. Corraliza, Universidad Autónoma de Madrid, Spain, Silvia Collado, Claudio D. Rosa</td>
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<tr>
<td>10:55 - 11:09</td>
<td>CHILDREN’S MORAL JUDGMENTS OF ENVIRONMENTALLY HARMFUL ACTIONS: THE ROLE OF EXPOSURE TO NATURE AND TYPE OF VICTIM</td>
<td>Silvia Collado, Universidad de Zaragoza, Spain, José A. Corraliza, Rocío Rodríguez-Rey</td>
</tr>
<tr>
<td>11:15 - 11:29</td>
<td>PERCEIVED NEIGHBORHOOD SAFETY MODERATES THE RELATIONSHIP BETWEEN ACTIVE SCHOOL COMMUTING AND CHILDREN’S MENTAL HEALTH</td>
<td>Gina Martin, Western University, Canada, Andrew Clark, Alina Medeiros, Megan Graat, Jason Gilliland</td>
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<tr>
<td>11:35 - 11:49</td>
<td>SCHOOL DESIGN FOR SPECIAL NEEDS STUDENTS: CREATING A SUPPORTIVE ENVIRONMENT FOR CHILDREN WITH AUTISM SPECTRUM DISORDER THROUGH PURPOSEFUL STRATEGIES</td>
<td>Francesca Jimenez, HDR, United States, Renae Rich</td>
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### PAPER SESSION REG-16 - WORKING AT THE METROPOLITAN AND REGIONAL SCALES

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<tr>
<td>10:35 - 10:49</td>
<td>THE RISE AND FALL OF SHENZHEN’S MOST VIBRANT URBAN SPACE, 1980’2020</td>
<td>John Zacharias, Peking University, Canada</td>
</tr>
<tr>
<td>10:55 - 11:09</td>
<td>BUILDING TOMORROW’S PERI-URBAN LANDSCAPES WITH SOCIAL INNOVATION AND PROSPECTIVE DESIGN</td>
<td>Patrick Marmen, University of Montreal, Canada, Sylvain Faquette, Philippe Poullaouec-Gonidec</td>
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<tr>
<td>11:15 - 11:29</td>
<td>CULTURAL ECOSYSTEM SERVICES IN SCOTLAND: EXPLORING HOW LANDSCAPE AFFECTS SPIRITUAL WELLBEING</td>
<td>Katherine Irvine, James Hutton Institute, United Kingdom, Anna Conniff, Daniel Fisher, Inge Aalders, Sara Warber</td>
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<tr>
<td>11:35 - 11:49</td>
<td>STRATEGIC ORGANIC FUNCTIONALISM: BRINGING THE LONG-TERM INTO FINNISH REGIONAL LAND USE PLANNING</td>
<td>Juha Hiedanpää, Natural Resources Institute, Finland</td>
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### PAPER SESSION REG-17 - DWELLING AND BUILDING: LEARNING FROM ARCHITECTURAL THEORY AND PRACTICE

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

**VIRTUAL ROOM: 1**

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<th>Time</th>
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</table>
| 10:35 - 10:49 | HOW TOPOGRAPHIC FEATURES OF COASTAL REGIONS INFLUENCE RESIDENTS’ RISK PERCEPTION AND TSUNAMI EVACUATION BEHAVIOR | Teruyuki Isagawa, Tokyo City University, Japan  
Ryuza 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 Haggar |
| 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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<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:30 - 10:35</td>
<td>INTRODUCTION</td>
<td>Eleftherios Pavlides, Roger Williams University, United States</td>
</tr>
</tbody>
</table>
| 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 |

### VIRTUAL BANQUET: DRESS UP... OR DOWN

**VIRTUAL ROOM: 1**

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<tbody>
<tr>
<td>12:00 - 14:00</td>
<td>LET’S CELEBRATE 50 YEARS OF GREAT RESEARCH</td>
<td></td>
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</table>
### ANNUAL GENERAL MEETING (AGM) OF IAPS MEMBERS

**VIRTUAL ROOM: 1**

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<tr>
<td>7:00 - 7:45</td>
<td><strong>ANNUAL GENERAL MEETING (AGM) OF IAPS MEMBERS</strong></td>
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### FLASH & POSTER SESSION 01 - BUILDING QUALITY AND WELLBEING

**VIRTUAL ROOM: 1**

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<tbody>
<tr>
<td>8:00 - 8:03</td>
<td><strong>INTRODUCTION</strong></td>
</tr>
</tbody>
</table>
| 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 |
| 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 Sukeeda, Ziqing Liu |
| 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 |
| 8:23 - 8:38 | **Q & A**                                                        |
| 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 |
| 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 |
| 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 |
| 8:59 - 9:14 | **Q & A**                                                        |
| 9:14 - 9:32 | **BREAK TIME**                                                   |
| 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 |
| 9:37 - 9:40 | **A STUDY ON THE INTERIOR SPACE CHARACTERISTICS OF REST SPACE IN KOREAN DUTY FREE SHOPS**  
Danziong Liu, Hanyang University, Korea, Republic of (South Korea)  
Ting Liu, Chae Young Woo, Yeon Sook Hwang |
| 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)  
Danziong Liu, Yeon Sook Hwang |
| 9:45 - 10:00 | **Q & A**                                                        |
### Flash & Poster Session 02 - Buildings and Places: Perception and Preferences

**Virtual Room: 2**

#### 8:00 - 8:03
**Introduction**

#### 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

#### 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

#### 8:19 - 8:22
**Effects of Size of Room on Subjective Sense of Time**
Sodai Kono, Chiba University, Japan
Yohsuke Yoshioka

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

#### 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

#### 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

#### 8:52 - 8:59
Zahrasadat Hosseini, Shinshu University, Japan
Ryota Yanase

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

#### 9:15 - 9:29
**Break Time**

#### 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

#### 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

#### 9:43 - 10:00
**Q & A**
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<th>Time</th>
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<th>Speaker(s)</th>
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<tbody>
<tr>
<td>8:00</td>
<td>INTRODUCTION</td>
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<tr>
<td>8:02</td>
<td>A LITERATURE REVIEW OF ADOLESCENT PLACE ATTACHMENT TO SCHOOL OUT-OF-CLASSROOM ENVIRONMENTS</td>
<td>Timothy Baber, University of New South Wales, Australia</td>
</tr>
<tr>
<td>8:06</td>
<td>ANCHOR POINTS IN TIME AND PLACE OF LOWER GRADE SCHOOL CHILDREN</td>
<td>Katsuki Yokoyama, Joshibi University of Art and Design, Japan</td>
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<td></td>
<td>Yurika Yokoyama</td>
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<tr>
<td>8:10</td>
<td>Q &amp; A</td>
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<tr>
<td>8:26</td>
<td>A STUDY ON THE EFFECT OF SCHOOL SPORT ENVIRONMENT ON MIDDLE SCHOOL STUDENT’S HEALTH</td>
<td>Jeongmin Lee, Pusan National University, Korea, Republic of (South Korea)</td>
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<td>TaeKyoung Lee</td>
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<tr>
<td>8:30</td>
<td>OPEN OR CLOSED: DOES THE EFFECT OF ELAPSED TIME ON CHILDREN AND TEACHERS DEPEND ON THE CLASSROOM PLAN TYPE?</td>
<td>Keiko Ito, The University of Tokyo, Japan</td>
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<td>Yurika Yokoyama</td>
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<tr>
<td>8:34</td>
<td>VISUALIZATION OF THE INHABITANT-NATURE RELATIONSHIP: A DAYLIGHTING METHODOLOGY FOR SCHOOL ARCHITECTURE RETROFITTING</td>
<td>Alexandre Carrier, Université Laval, Canada</td>
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<td>Claude Demers, André Potvin</td>
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<tr>
<td>8:42</td>
<td>Q &amp; A</td>
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<tr>
<td>9:02</td>
<td>BREAK TIME</td>
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<tr>
<td>9:13</td>
<td>AN INTERVENTION STUDY TO ASSIST WAYFINDING OF A STUDENT WITH INTELLECTUAL DISABILITIES IN A SPECIAL NEEDS SCHOOL</td>
<td>Shunsuke Itoh, Tokyo Denki University, Japan</td>
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<td>Sota Suzuki</td>
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<td>9:17</td>
<td>STUDY ON THE BEHAVIORAL TRANSITION OF AUTISTIC CHILDREN FROM EARLY INTERVENTION SPACE TO EDUCATIONAL SPACE: CASES OF KUMAMOTO, JAPAN</td>
<td>Mitoko Nakashima, Kagawa University, Japan</td>
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<tr>
<td>9:21</td>
<td>Q &amp; A</td>
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<tr>
<td>9:37</td>
<td>SCHOOL-BASED CRIME PREVENTION PROGRAMS AND MOTHERS’ FEAR OF STRANGERS IN JAPAN</td>
<td>Tomoko Hata, Bunkyo Gakuin University, Japan</td>
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<td>Takahito Shimada</td>
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<tr>
<td>9:41</td>
<td>CHILDREN’S SCHOOL READINESS IN QUEBEC NEIGHBORHOODS: IS MALTREATMENT INVOLVED?</td>
<td>Nicolas R.-Turgeon, Université Laval , Canada</td>
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<td>Marie-Hélène Gagné</td>
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<tr>
<td>9:45</td>
<td>Q &amp; A</td>
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</table>
## FLASH & POSTER SESSION 04 - AGING AND THE BUILT ENVIRONMENT

### VIRTUAL ROOM: 4

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<th>Session</th>
<th>Speakers</th>
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<tbody>
<tr>
<td>8:00 - 8:03</td>
<td><strong>INTRODUCTION</strong></td>
<td></td>
</tr>
<tr>
<td>8:03 - 8:10</td>
<td><strong>COMMUNITY ELDERLY CARE SERVICE MODELS IN CHINA AND WESTERN WELFARE COUNTRIES</strong></td>
<td>Zehua Wei, Tongji University, China&lt;br&gt;Jingmin Zhou</td>
</tr>
<tr>
<td>8:11 - 8:14</td>
<td><strong>‘THE REFLEXIVE RESEARCHER’: A RETROSPECTIVE EXAMINATION OF PROCESSES FOR DEVELOPING AGE-FRIENDLY PLACES IN INDIA</strong></td>
<td>Mei Lan Fang, University of Dundee, United Kingdom&lt;br&gt;Judith Sixsmith, Ryan Woolrych, Deborah Menezes</td>
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<tr>
<td>8:15 - 8:22</td>
<td><strong>HOW TO IDENTIFY SERVICES, AMENITIES AND FEATURES NEEDED TO CREATE AGE FRIENDLY COMMUNITIES IN BRAZIL</strong></td>
<td>Adriana Portella, Federal University of Pelotas, Brazil&lt;br&gt;Celina Britto Corrêa, Ryan Woolrych</td>
</tr>
<tr>
<td>8:23 - 8:38</td>
<td><strong>Q &amp; A</strong></td>
<td></td>
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<tr>
<td>8:40 - 8:47</td>
<td><strong>THRESHOLDS AND THE INTIMATE IN DOMESTIC ARCHITECTURE: AN HISTORICAL APPROACH OF SOCIO-SPATIAL DYNAMIC OF THE HOME APPLY TO INSTITUTIONAL ENVIRONMENT</strong></td>
<td>Virginie LaSalle, Université de Montréal, Canada</td>
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<tr>
<td>8:48 - 8:55</td>
<td><strong>THE EFFECTS OF SPATIAL CONTINUITY AT ELDERLY FACILITY ON THE SOCIAL PARTICIPATION: A RESEARCH ON BEHAVIOR SETTING IN DINING SPACE</strong></td>
<td>Maiko Nagamine, National Institute of Technology, Oyama College, Japan</td>
</tr>
<tr>
<td>8:56 - 8:59</td>
<td><strong>A STUDY ON HOME MODIFICATION NEEDS AND ISSUES ARISING DUE TO AGEING RESIDENTS</strong></td>
<td>Akiko Nishino, The University of Tokyo, Japan&lt;br&gt;Junichiro Okata</td>
</tr>
<tr>
<td>9:00 - 9:15</td>
<td><strong>Q &amp; A</strong></td>
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<tr>
<td>9:15 - 9:30</td>
<td><strong>BREAK TIME</strong></td>
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<tr>
<td>9:32 - 9:35</td>
<td><strong>ENVIRONMENT-RELATED FACTORS OF ELDERLY FALLS: TEXT MINING ANALYSIS OF CAREGIVERS’ NEAR MISS ACCIDENT AND INCIDENT REPORTS</strong></td>
<td>Rei Nara, Ochanomizu University, Japan&lt;br&gt;Natsuko Nagasawa</td>
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<td>9:36 - 9:39</td>
<td><strong>STUDY ON THE EFFECT OF THE SMALL CARE UNIT ON RESIDENTS AND STAFF IN NURSING HOMES</strong></td>
<td>Tatsuya Mitsushima, Kindai University, Japan&lt;br&gt;Yuri Yasaki, Mizuki Hayashi, Satoshi Ishii, Kentaro Yamaguchi, Ken Miura</td>
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<td>9:40 - 9:43</td>
<td><strong>INTEGRATED ENVIRONMENTAL INFORMATION PLATFORM FOR ACTIVE SENIORS THROUGH AUGMENTED REALITY</strong></td>
<td>Young Hee Min, Yonsei University, Korea, Republic of (South Korea)&lt;br&gt;Mikyoung Ha</td>
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<tr>
<td>9:44 - 10:00</td>
<td><strong>Q &amp; A</strong></td>
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**FLASH & POSTER SESSION 05 - HOUSING TYPES: LIFE CYCLE AND WELLBEING**

**VIRTUAL ROOM: 5**

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

8:03 - 8:10 **SUSTAINABLE LIVING SPACE BASED ON LIFECYCLE AND OPEN BUILDING THEORY: LESSONS FROM SHANGHAI**
Manlin Wu, Tongji University, China
Jingmin Zhou

8:11 - 8:18 **DISCUSSION ON CHANGEABLE DESIGN AND INDUSTRIALIZED TECHNOLOGY APPLICATION FOR YOUTH APARTMENT**
Guang He, Tongji University, China

8:19 - 8:26 **PERCEPTION OF DWELLING ENVIRONMENT AND UPDATES OF SCHEMATA THROUGH EXPERIENCE OF PEOPLE FROM DIFFERENT COUNTRIES LIVING IN JAPAN**
Eriko Kawano, Tokyo Institute of Technology, Japan
Satoshi Nasu

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

8:43 - 8:46 **FROM SMART CITIZENS, SMART APARTMENT TO SMART CITY THROUGH ESTABLISHMENT OF SAFE HOUSING SYSTEM**
Jeongmin Moon, Chosun University, Korea, Republic of (South Korea)
SeongKyung Choi

8:47 - 8:50 **THE HAPPINESS OF KOREAN HOUSING ENVIRONMENT FOCUSED ON PERMA THEORY**
Byungsook Choi, Jeonbuk National University, Korea, Republic of (South Korea)
Jung-a Park, Jin Lee

8:51 - 8:54 **A CASE ‘YOUTH 101’ OF JEONJU CITY SOCIAL HOUSING FOCUSED ON STUDIO TYPE FOR YOUNG WOMEN’S SAFETY AND SECURITY**
Hyunpyo Bae, Korean Housing Welfare Social Cooperative, Korea, Republic of (South Korea)
Jungtai Kim, Byungsook Choi

8:55 - 9:10 **Q & A**

9:10 - 9:20 **BREAK TIME**

9:21 - 9:28 **SAVING TIME AND BUILDING FOR RESILIENCE: SOCIALLY CONSCIOUS MASS-MANUFACTURING OF RESIDENTIAL BUILDINGS**
Reka Mandoki, University of Cambridge, Great Britain
John Orr

9:29 - 9:36 **TRACING PRECINCT TYPOLOGIES AND THEIR RELATIONSHIPS WITH COMMUNITY INTERACTIONS, PARTICIPATION, AND SENSE OF PLACE IN HIGH-RISE, HIGH-DENSITY PUBLIC HOUSING**
Keng Hua Chong, Singapore University of Technology and Design, Singapore
Tshui Mum Ha, Singapore University of Technology and Design, Singapore
Yohei Kato, Qingqing Chen, Ate Poorthuis

9:37 - 9:44 **A PRELIMINARY STUDY ON THE LIVING DIFFICULTIES AND RESOLVING STRATEGIES OF HIGH-DENSITY CHINESE CITIES: HYBRID SYMBIOTIC VERTICAL COMMUNITY**
Shuyuan Wang, Tongji University, China
Jingmin Zhou

9:45 - 10:00 **Q & A**
## FLASH & POSTER SESSION 06 - TOOLS AND STRATEGIES FOR P-E RESEARCH

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<tr>
<td>8:00 - 8:03</td>
<td><strong>INTRODUCTION</strong></td>
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</table>
| 8:03 - 8:10 | **ASSESSMENT OF THE SUSTAINABILITY OF RISK MANAGEMENT MEASURES: AN INTERDISCIPLINARY APPROACH**  
Alexandra Schleyer-Lindenmann, UMR ESPACE, Aix-Marseille University, France  
Anne Tricot, Nelly Parèes, Pascal Di Maiolo, Thomas Curt, Franck Sfiligoi-Taillandier, Aurélie Arnaud |
| 8:11 - 8:14 | **CONSTRUCTION OF A SCALE FOR MEASURING ASCRIPTION OF ENVIRONMENTAL RESPONSIBILITY IN MEXICANS**  
Saimy Hernández, Universidad Nacional Autónoma de México, Mexico  
Elizabeth López |
| 8:15 - 8:27 | **Q & A**                                                              |
| 8:28 - 8:35 | **ENVIRONMENTAL EDUCATION TOOLS TO PROMOTE SIMPLE PRO-ENVIRONMENTAL BEHAVIOUR AMONG PRESCHOOL CHILDREN IN JAPAN AND SWEDEN**  
Pimkamol Mattsson, Lund University, Sweden  
Shimpei Iwasaki |
| 8:36 - 8:39 | **WHAT ASPECTS DO PEOPLE FIND RESTORATIVE IN THEIR NEIGHBORHOOD?**  
Seiji Shibata, Sagami Women’s University, Japan |
| 8:40 - 8:47 | **FROM ACTIVITY TO ATMOSPHERE: A CASE STUDY OF SHANGHAI ZHONGSHAN PARK**  
Yitong Wang, Tongji University, China |
| 8:48 - 9:03 | **Q & A**                                                              |
| 9:03 - 9:18 | **BREAK TIME**                                                         |
| 9:21 - 9:24 | **A PILOT STUDY OF EFFECTIVE CORRIDOR DESIGN IMPROVING WAYFINDING BEHAVIOR IN UNDERGROUND MALLS**  
Shaoqing Zhang, Pusan National University, Korea, Republic of (South Korea)  
Soobeen Park, Jeong Sook Noh, Eun ju Cho, SooJeong Kim, Yanru Cheng |
| 9:25 - 9:28 | **EMERGENCY EVACUATION STRATEGY FROM DEEP AND COMPLICATED UNDERGROUND PUBLIC SPACES**  
Tomonori Sano, Waseda University, Japan  
Masataka Yasue |
| 9:29 - 9:32 | **THE COMMUTING IN MÉXICO CITY. AN EXPLORATORY STUDY**  
Fransilvania Callejas Pérez, Universidad Nacional Autónoma de México, Mexico  
Patricia Ortega Andeane, María Emilia Lucio Gómez-Maqueo |
| 9:33 - 9:40 | **INFLUENCE OF URBAN METRO NETWORK IMPLANTED IN THE NEIGHBORHOOD ON TRAVEL ACTIVITY FOR OLDER ADULTS**  
Bai Jiayuan, Dalian University of Technology, China  
Lu Wei |
<p>| 9:41 - 10:00 | <strong>Q &amp; A</strong>                                                              |</p>
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<tbody>
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<td>8:00</td>
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| 8:03  | CULTURAL EXCHANGE: AN ANALYSIS ON THE INFLUENCE OF CULTURE ON PEOPLE-ENVIRONMENT RELATIONSHIPS  
Eline Feitosa, Federal University of Sergipe, Brazil  
Zenith Delabrida |
| 8:11  | IS DESIGN CONCEPT ARTIFICIAL OR ECOLOGICAL?  
Hiroki Seki, Tokyo City University, Japan |
| 8:19  | INUIT VERNACULAR AND BIOMIMICRY ARCHITECTURES : THE NATURE LINK  
Hakim Herbane, Université Laval, Canada |
| 8:27  | Q & A                                                                   |
| 8:44  | 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 |
| 8:52  | RENEWAL STRATEGY OF OUTDOOR PUBLIC SPACE IN EXISTING RESIDENTIAL DISTRICTS: LESSONS FROM CHENGDU  
Chang He, Tongji University, China |
| 9:00  | 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 |
| 9:08  | Q & A                                                                   |
| 9:25  | FEELINGS: AND OTHER SLIPPERY INTANGIBLES...  
Lucinda Havenhand, University of North Carolina at Greensboro, United States  
Raymund Konigk |
| 9:33  | TIME, UNCERTAINTY, FASHION, AND CHANGING PERCEPTIONS  
John Raimondo, Raimondo and Associates, Canada  
William Fawcett |
| 9:37  | FUTURE OF ARCHITECTURE: FLEXIBILITY AS THE KEY CONCEPT  
Halleh Nejadriahi, OCAD University, Canada |
| 9:45  | Q & A                                                                   |

Friday, June 26, 2020
### ACCORDING TO HOW YOU FEEL, MAKE YOUR CHOICE!

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<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00 - 10:15</td>
<td><strong>ACTIVE BREAKS: STRETCHING AND CHAIR YOGA</strong></td>
</tr>
<tr>
<td>10:00 - 10:15</td>
<td><strong>DISCOVER THE VIBRANT PUBLIC ART SCENE OF QUÉBEC CITY</strong></td>
</tr>
<tr>
<td>10:00 - 10:15</td>
<td><strong>TUNE IN TO QUÉBEC’S MUSIC SCENE</strong></td>
</tr>
<tr>
<td>10:00 - 10:15</td>
<td><strong>QUÉBEC WINTER WONDERLAND</strong></td>
</tr>
</tbody>
</table>

### PLENARY SESSION

**VIRTUAL ROOM: 1**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>10:15 - 12:00</td>
<td><strong>COVID-19 AND PERSON ENVIRONMENT STUDIES</strong></td>
</tr>
</tbody>
</table>

### CLOSING CEREMONY

**VIRTUAL ROOM: 1**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:00 - 13:00</td>
<td><strong>PRIZES, 2022 CONFERENCE AND AU REVOIR</strong></td>
</tr>
</tbody>
</table>
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