## Include Asia 2013 Paper Sessions

### Tuesday 2 July

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<td>13.30 – 15.30</td>
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<td>16.00 – 18.00</td>
<td>09.00 – 10.30</td>
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<td>13.30 – 15.30</td>
<td>1A Transport &amp; Travel</td>
<td>2A Public Space 1</td>
<td>3A Business &amp; Retail</td>
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<td>1B Digital Interactions</td>
<td>2B Diverse Ability</td>
<td>3B Perspectives on Ageing</td>
<td>4B Methods &amp; Models</td>
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<td>Chair: Ed Matthews (The Helen Hamlyn Centre for Design, RCA)</td>
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<td>Chair: Katherine Gough (Nokia)</td>
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### Wednesday 3 July

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## Include Asia 2013 Workshops

### Wednesday 3 July

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<td>16.00 – 18.00</td>
<td>Body and Mind</td>
<td>Design and Community</td>
<td>Inclusive Design in Japan</td>
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<td></td>
<td>• Stephen Wilcox (Design Science (USA))</td>
<td>• Rama Gheerawo RCA-HHCD (UK)</td>
<td>• Keiji Kawahara (IAUD (Japan))</td>
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<td>• Dan Formosa (Smart Design (USA))</td>
<td>• Sean Donahue (Art Center College of Design (USA))</td>
<td>• Makoto Oshima (Toyota Boshoku Corporation (Japan))</td>
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Tuesday 2 July
13.30-15.30 (three parallel sessions)

SESSION 1A
Session Title: Transport & Travel
Session description: Remaining mobile is a key to maintaining personal independence and is important in accessing services, social networks and neighbourhoods. Papers present transport challenges and solutions from around the globe, with projects from UK, Japan, India, Singapore and Brazil.

Chair: Sean Donahue, Art Center College of Design, USA

PAPERS
1A.1: Invited paper
Better Healthcare Delivery – Ambulances that don’t (always) Transport Patients
Author: Ed Matthews and Gianpaolo Fusari, The Helen Hamlyn Centre for Design, RCA, UK

1A.2: 1139
Approaches to Developing Creative Future Mobility Solutions by Applying Inclusive Design Strategies
Authors: Ben Meyer and Brigid O’Kane, University of Cincinnati, USA

1A.3: 1145
Wayfinding for Visually Impaired Pedestrians
Author: Dr Maria Figueiredo, IADE-U, Portugal

1A.4: 1052
An Inclusive Wayfinding Assessment Tool in the Context of Singapore’s Public Transport System
Author: Shereen Sze-Wan Pong, Centre for Ageing Studies, Temasek Polytechnic, Singapore

1A.5: 1054
Shopping Fresh Food in the Future: Are Transportation Choices Available to Future Seniors?
Author: Satoshi Kose, Shizuoka University of Art and Culture (SUAC), Hamamatsu, Japan
Tuesday 2 July
13.30-15.30 (three parallel sessions)

SESSION 1B
Session Title: Digital Interactions
Session description: Digital technologies are ever-present in daily life; there is increasing reliance on the services and support that they provide. This session looks at a socially inclusive approach to technology from desktop manufacturing to managing chronic conditions through ‘crowd sourcing’.

Chair: Yasuyuki Hirai, Kyushu University, Japan

PAPERS
1B.1: 1097
People-Centred Desktop Design and Manufacture: a review of web enabled open source tools for localised community focused inclusive design.
Author: Dr Scott Mayson, RMIT University, Australia

1B.2: 1114
Where do you go to...? Designing ‘connectedness’ in digital public space
Authors: Claire McAndrew¹, Ben Dalton² and Bridget Hardy³; ¹The Bartlett School of Graduate Studies, University College London, UK; ²Royal College of Art, UK; ³Integrans Consulting, UK

1B.3: 1088
GIS-Participation: an inclusive design approach
Authors: Professor Graeme Evans, Middlesex University (Art & Design) and Steve Cinderby, York University (Stockholm Environment Institute), UK

1B.4: 1072
Can a Crowd Sourcing App, for those with Chronic Conditions, lead to Innovation Design Solutions?
Authors: Lisa Austin and Professor Christopher Eccleston, Centre for Pain Research, The University of Bath, UK

1A.5: 1141
Towards an Empowering Tangible Interaction Design for All
Authors: Birgitta Cappelen, The Oslo School of Architecture and Design, Norway
Tuesday 2 July
13.30-15.30 (three parallel sessions)

SESSION 1C
Session Title: Global-Local
Session description: Though inclusive design has a globally relevant philosophy, local variation needs to be acknowledged when putting the approach into practice. This session looks at inclusive design in different cultural contexts including Finland, Israel, Afghanistan, China and India.

Chair: Patricia Moore, MooreDesign Associates, USA

PAPERS
1C.1: 1137
Shifting Perspectives: Design for ASHA Health Workers in Rural India
Authors: Arnab Chakravarty\textsuperscript{1} Samiksha Kothari\textsuperscript{2}
\textsuperscript{1}Srishti Labs – Srishti School of Art, Design and Technology \textsuperscript{2}Industrial Design Centre, IIT Bombay, India

1C.2: 1071
Challenging the Standard: designing schools for women in Afghanistan
Author: Elizabeth Golden Department of Architecture, University of Washington, USA

1C.3: 1102
Framing the Temporal Territory of Inclusivity: cultural reflections on Finnish design heritage
Author: Fahrettin Ersin Alaca, Aalto University, School of Arts, Design and Architecture, Finland

1C.4: 1095
Mapping the Common Ground: inclusive playscapes for children in Jerusalem - from global to local
Author: Tali Cohen Anderson, Department of Interior Design, The College of Management - Academic Studies, Israel

1C.5: 1101
Understanding User Experience in Persuasive Systems as a Way of Informing the Design of Inclusive Health Systems: an example of online diabetes self-management systems for Chinese older adults
Author: Barbara Wong, Hong Kong Polytechnic University
Tuesday 2 July  
16.00-18.00 (three parallel sessions)

SESSION 2A  
Session Title: Public Space 1  
Session description: Urban spaces and public buildings need to cater to a wide variety of people with different needs. These papers present applied projects looking at wayfinding for visually impaired people, park furniture, public squares and airports. They are drawn from Europe, Brazil and Hong Kong.

Chair: Satoshi Kose, Shizuoka University of Art and Culture, Japan

PAPERS
2A.1: 1122
Park Seating Furniture Design in Hong Kong: a case study of inclusive design and its relation to user interaction  
Authors: YH Brian Lee, LH Denise Chan and MX Tang, School of Design, Hong Kong Polytechnic University, Hong Kong

2A.2: 1153
Inclusive Design for a Barrier Free City – Case study of the City of Lincoln, UK  
Authors: Sophia Bannert and Dr Amira Elnokaly, Lincoln School of Architecture, University of Lincoln, UK

2A.3: 1087
Wayfinding Evaluation in Hercílio Luz Airport in Florianópolis, Santa Catarina, Brazil  
Authors: Vera Helena Moro Bins, Isabela Fernandes Andrade (also at Federal University of Pelotas), Julia Moraes Callado de Amorim, Carolina Oliveira da Silva and Rodrigo Acosta de Souza, Federal University of Santa Catarina, Brazil

2A.4: 1108
Accessibility and Appropriation: analysing squares’ quality in Florianópolis (Brazil)  
Authors: Larissa Miranda Heinisch¹, Gabriela Yoshitani da Luz¹, Vanessa Goulart Dorneles¹ Vera Helena Moro Bins Ely¹ and Fábio Lúcio Lopes Zampieri², ¹Universidade Federal de Santa Catarina - UFSC, Brazil  
²Universidade Federal da Fronteira Sul – UFFS, Brazil

2A.5: 1134
Wayfinding Systems for Users with Visual Disabilities  
Author: Terry Beco, IADE-Creative University, Portugal
Tuesday 2 July
16.00-18.00 (three parallel sessions)

SESSION 2B
Session Title: Diverse Ability
Session description: This session focuses on design for people with different abilities. Topics include the treatment of disabled people in the workplace, assessments of approaches to inclusive design in India, USA and Japan, and the use of haptics and audio to support communication.

Chair: Ed Matthews, The Helen Hamlyn Centre for Design, Royal College of Art, UK

PAPERS
2B.1: 1117
Challenging Employment Attitudes: Understanding the role of inclusive design for the inclusion of disabled people
Author: Jimena Gomez, University of Cambridge, UK

2B.2: 1132
Vocal and Tangible Interaction Crossing Borders
Author: Birgitta Cappelen, The Oslo School of Architecture and Design, Norway
Can't download paper – check when it arrives

2B.3: 1124
Designing innovative assistive technologies in multidisciplinary teams and overcoming perceptual gaps to maximize creativity
Authors: Stephen Sundarrao, Don Dekker, Kevin White and Rajiv Dubey, University of South Florida, USA

2B.4: 1121
Helping Visually Impaired Visitor ‘See’ Exhibits in Hong Kong Museums
Author: Meng Kheong Chan, Hong Kong Polytechnic University, Hong Kong

2B.5: 1058
Design Management for VACs
Authors: Yasuko Takayama, and Satoshi Kose, Shizuoka University of Art and Culture, Japan
Tuesday 2 July
16.00-18.00 (three parallel sessions)

SESSION 2C
Session Title: Tools & Techniques
Session description: These papers collectively discuss established and emerging tools and techniques for applying inclusive design. Areas covered include designing to support people with dementia, co-design in public services, the fashion retail experience, museum design and lighting urban communities.

Chair: Katherine Gough, Nokia, UK

PAPERS
2C.1: 1109
Museum For All Project in Japan – Co-creating “My Kind of Museum”
Authors: Yasuyuki Hirai, Yoshiyasu Ota, Tomomi Okazaki, Kozue Handa, Ayumi Umeda, Noboru Matsuura, Laila Cassim and Tomoko Takei, Kyushu University, Japan

2C.2: 1133
Towards Designing A Long-Term Assistive Environment For People With Dementia
Authors: Andreas Pusch¹, Anja B. Naumann², Michael Brandt³ and Jörn Hurtienne¹; ¹Psychological Ergonomics, Julius-Maximilians-Universität, Germany; ²Institute of Transportation Systems, German Aerospace Center (DLR), Germany; ³Human-Computer Systems, Julius-Maximilians-Universität, Germany

2C.3: 1099
Enhancing Social Interactions through Inclusive Fashion Retail Experience
Author: Dr Busayawan Lam, Brunel University, UK

2C.4: 1113
Service co-design with the public sector – Challenges and opportunities in a healthcare context
Authors: Kirsikka Vaajakallio, Jung-Joo Lee and Juha Kronqvist, Tuuli Mattelmäki, Aalto University School of Arts, Design and Architecture, Finland

2C5: Invited paper
In The Shade: lighting local urban communities
Authors: Jeremy Myerson, Megan Charnley and Tom Jarvis, Helen Hamlyn Centre for Design, Royal College of Art, UK
Wednesday 3 July
9.00-10.30 (two parallel sessions)

SESSION 3A
Session Title: Business & Retail
Session description: Embedding an inclusive design approach into business processes and retail strategies is an increasingly important factor in organisational success. These papers discuss how user engagement can help change perspectives and inform business decisions.

Chair: Steve Wilcox, Design Science, USA

PAPERS
3A.1: 1131
Inclusive Apparel Products and Retail Environments for Elderly Consumers: A Chinese Perspective
Authors: Hong Yu and Shilei Pan, Ryerson University, Canada

3A.2: 1107
Observing Everyday Usage – Bringing observations from everyday lives to design and business decisions
Authors: Katherine Gough¹, Michael Davis-Burchat¹, Dr Bas Raijmakers² and Dr Geke van Dijk², ¹Nokia; ²STBY

3A.3: 1070
Challenges faced by clients and designers: strategic phases for inclusive design adoption
Authors: Emilene Zitkus, Patrick Langdon, John P Clarkson, University of Cambridge, UK
Wednesday 3 July
9.00-10.30 (two parallel sessions)

SESSION 3B
Session Title: Perspectives on Ageing
Session description: Ageing is a central concern of inclusive design. This session spans a variety of approaches, from co-creation with older people in rural China to a study into the meaning of ‘homeliness’ in care homes. A design project from the USA working with older people in Ugandan communities is also presented.

Chair: Scott Mayson, RMIT University, USA

PAPERS
3B.1: 1096
A systematic review of the literature concerning design considerations of homeliness in care homes.
Authors: Anne Fleming¹; Dr Pauline Banks¹, Dr Angela Kydd¹ and Sally Stewart², ¹University of West of Scotland, ²Glasgow School of Art, UK

3B.2: 1149
‘I didn’t know I can teach!’ – Empowering Chinese retirees through co-creating a multigenerational ceramic service
Authors: Yuan Wu Tang¹, Jung-Joo Lee², ¹China ²Aalto University School of Arts, Design and Architecture, Finland

3B.3: invited paper
Aging in Place in Central Africa: Moving Away from an International Rights Definition towards Community-led Models
Author: Sean Donahue (Art Center College of Design)
Wednesday 3 July
11.30-13.00 (three parallel sessions)

SESSION 4A
Session Title: Public Space 2
Session description: These papers examine frameworks and models for applying inclusive design within public space, looking at the interaction of people with the environment and the importance of involving citizens and neighbourhoods in a co-design process. Work is drawn from Hong Kong, Finland and Venezuela.

Chair: Alvin Yip, Hong Kong Polytechnic University, Hong Kong

PAPERS
4A.1: 1150
Behaviorological Analysis of Global Local Solutions in Production of Space: Hong Kong and Guangzhou
Author: Eva Cheung, University of Auckland, New Zealand

4A.2: 1123
Micro Scale Neighbourhood Revitalization through Design Interventions
Author: Sandra Viña, Aalto University, Finland

4A.3: 1116
The Cracks Through Which We Fall: Challenging the Independence of Design Disciplines for the Built Environment
Author: Dr David Osborne, Graphia Brands, Hong Kong
Wednesday 3 July
11.30-13.00 (three parallel sessions)

SESSION 4B
Session Title: Methods & Models
Session description: This session discusses emerging frameworks and approaches for inclusive design. Topics covered include developing theory from practice, rationalising the different terminology that exists around people-centred design, and evolving participatory approaches.

Chair: Yanki Lee, DESIS Lab, Hong Kong Design Institute, Hong Kong

PAPERS
4B.1: 1118
Design(ing) for More: towards a global design approach and local methods
Author: Jasmien Herssens, Hasselt University, Hasselt, Belgium

4B.2: 1091
Evolution of the Public and the Private Sector for Enforcing Barrier-Free Environment in Taiwan
Author: Tzeng Szu-Yu, National Yunlin University of Science and Technology, Taiwan

4B.3: 1111
Designing Living Environment with Younger Citizens using Participatory Action Research Methods: Process and Evaluations
Author: Dr Yan Chi, Jackie Kwok and Dr Kin Wai Michael Siu, School of Design, Hong Kong Polytechnic University
Wednesday 3 July
11.30-13.00 (three parallel sessions)

SESSION 4C
Session Title: Pushing the Boundaries
Session description: Papers look at how inclusive design is being applied in creative new ways to address issues including disaster management and relief, socially ignored groups such as sex trade workers and opportunities around digital technologies to support enterprise in rural India.

Chair: Jeremy Myerson, Helen Hamlyn Centre for Design, Royal College of Art, USA

PAPERS
4C.1: 1169
Design+Disaster: The Inclusive Challenge
Author: Patricia Moore, MooreDesign Associates, USA

4C.2: 1067
Out of the Shadows
Author: Professor Susan Barnwell, Ryerson University, School of Fashion, Toronto, Canada

4C.3: 1138
Marketing Rural Enterprises in India – Intermediated use of Technology as a Design strategy
Authors: Arnab Chakravarty¹ and Samiksha Kothari², ¹Srishti School of Art, Design and Technology, India ²Industrial Design Centre – IIT Bombay, India