



DESIGN4 HEALTH

3rd European Conference
Sheffield 13-16th July 2015

PROGRAMME

**Sheffield
Hallam
University**

Art and Design
Research
Centre



Programme

Monday 13th July

| Time | Activity | Location |
|---------------|--|------------------------|
| 15:30 | Registration & Coffee | Foyer |
| 16:00 | Welcome & introduction | Lecture Theatre (9130) |
| 16:30 | Keynote 1 Dr Lucy Lyons - City & Guilds of London Art School and Barts Pathology Museum, Queen Mary University of London Drawing Connections: art, medicine and surgery | |
| 17:15 | Keynote 2 Prof Julia Cassim - KYOTO Design Lab, Kyoto Institute of Technology Introduction to the 24Hr Inclusive Design Challenge | |
| 18:00 - 20:00 | Exhibition Preview and Welcome Drinks Reception Sponsored by B Braun From medical devices to assist in preventing the spread of Ebola, to live performances addressing the future of the NHS, the Design4Health exhibition presents a diverse range of creative outputs that contribute to social, cultural and operational discourse and praxis in contemporary healthcare and wellbeing. | Gallery |



Tuesday 14th July

| Time | Activity | Location |
|-------|---|----------|
| 8:30 | Registration & Coffee | Foyer |
| 9:00 | <p>Breakout Session 1</p> <p>Wayfinding and spaces 9132</p> <ul style="list-style-type: none"> ■ Evangelia Chrysikou Ill Performing Buildings for Mental Health ■ Rian de Jong and Rens Brankaert A point in the right direction: A simple navigation device for people with dementia. ■ Nancy Hughes, Michael Brown Navigating Large Hospitals ■ Ahmed Hassem Sadek A comprehensive approach to facilitate wayfinding in healthcare facilities <p>Understanding the personal 9135</p> <ul style="list-style-type: none"> ■ Jeppe Emil Mogensen, Søren Bolvig Poulsen and Allan Grutt Hansen Interior design and healing architecture: A mixed-method study on the patients' preferences for interior textiles and textile-based furniture for future hospitals ■ Elke Daemen, Roel Cuppen, Murray Gillies, Atike Pekel and Jon Pluyter Social connectivity for stroke patients in a hospitalized environment ■ Berrak Karaca Şalgamcıoğlu, Özlem Er In the bathroom: Live narrations as a tool for exploring the intimate task of body cleaning ■ Oya Demirbilek, Catherine Bridge, Alicia S.A. Mintzes, Peter Sweatman Integrating the voice of older people in the development bathroom design research methods through the use of participatory co-design <p>Complexity of design Lecture Theatre</p> <ul style="list-style-type: none"> ■ Wesley David Scott, David Durling, Andree Woodcock and Deana McDonagh Understanding the needs of users with disabilities when working with designers ■ Anna Thies, Jalal Nouri Hindering Dilemmas in Primary Care - a case study using service-design methodology ■ Becky Shaw Managing Expectations: Unpicking what we expect of artists in healthcare ■ Kirsteen Aubrey Exploring the role and impact of Art and Design Education to facilitate Healthcare initiatives. | |
| 10:30 | Coffee | Foyer |

Tuesday 14th July continued

| Time | Activity | Location |
|------------------|---|---------------------------|
| 11:00 - 12:30 | Breakout Session 2 | |
| | Contexts of design 1 | 9132 |
| | <ul style="list-style-type: none"> ■ Charmaine Childs, Alison Gwilt, Graeme Sherriff and Catherine Homer Old and Cold: challenges in the design of personalised thermal comfort at home ■ Peta Bush The craft of Wearable Wellbeing ■ Chris Fremantle, Leigh-Anne Hepburn, Alexander Hamilton, Jackie Sands Immersing the artist and designer in the needs of the clinician: evolving the brief for distraction and stress reduction in a new Child Protection Unit ■ Oli Mival, Alexander Hamilton, Helen Fisher Designing Clinical Blended Spaces: A Biophillic Inspired Digitally Augmented Environment For Use Within a Child Protection Unit | |
| | Dementia 1 | 9135 |
| | <ul style="list-style-type: none"> ■ Cathy Treadaway, Gail Kenning, Steven Coleman Sensor e-Textiles: Designing for persons with late stage dementia ■ Paul A Rodgers Designing with People Living with Dementia ■ Patrizia Murko, Cristophe Kunze Tangible Memories: Exploring the use of tangible interfaces for occupational therapy in dementia care ■ Rita Maldonado Branco, Joana Quental, Óscar Ribeiro "I'm always well when we are together": Observation of institutional activities with people with dementia and its implications for a co-design research project | |
| | Methods: complexities | Lecture Theatre (9130) |
| | <ul style="list-style-type: none"> ■ Nikki Diane Holliday, Paul Magee, Aimee Walker-Clarke Reflections on creative methodologies for health technology research, and the iterative process between research and design ■ Katrien Dreessen, Selina Schepers, Jessie Schrijvers Designing the healthcare and housing concept of tomorrow: a reflection on Participatory Design methods for complex healthcare situations ■ Katrien Dreessen, Jessica Schoffelen, Danny Leen, Ollivier Piquera Participatory design and participatory making in a FabLab: challenges for users and designers | |

Tuesday 14th July continued

| Time | Activity | Location |
|---------------|---|------------------------|
| 12:30 | Lunch | |
| 13:30 | Poster and Exhibition 'Show & Tell' An informal opportunity for delegates to view and discuss Posters and gallery exhibits with their contributors | Foyer & Gallery |
| 14:00 | Keynote Presentations Brendan McCormack, Head of Nursing, Queen Margaret University, Edinburgh: 'The Artistry and Creativity of Knowledge – the rhythm, movement and flow of authentic being' Gail Mountain, Professor of Health Services Research, University of Sheffield: 'Design for health: Innovation or new wine in old bottles?' | Lecture Theatre (9130) |
| 15:30 | Tea | |
| 16:00 - 17:30 | Breakout Session 3 Packaging <ul style="list-style-type: none"> ■ Alaster Yoxall Augmented Packaging for Improved Medicine Compliance ■ Gianni Renda, Bridgette Engeler Newbury, Robert A. Gorkin III A Design-Led Approach to Evaluating Condom Packaging ■ Amina Pereno, Marta Nazha, Paolo Marco Tamborrini Packaging Design in the Healthcare field: eco-guidelines for sustainable packaging and disposables in dialysis treatments | 9132 |

Tuesday 14th July *continued*

| Time | Activity | Location |
|---------------|--|---|
| 16:00 | <p><i>Breakout Session 3 continued</i></p> <p>Games</p> <p>Maciej Szaniawski, Stella Boess, Gerald Kraan, Richard Goossens</p> <ul style="list-style-type: none"> ■ Enhancing engagement with motor rehabilitation therapy through gamified rehabilitation interactions <p>David Hobbs</p> <ul style="list-style-type: none"> ■ Using a trans-disciplinary and trans-institutional team approach and co-design principles to develop an accessible serious gaming system for children with limited hand function <p>Petra Cerne Oven, Barbara Predan</p> <ul style="list-style-type: none"> ■ A Set of Social Games for Senior Citizens with Dementia / D9 <p>Anne Carlijn Vis, Martina Maria Keitsch</p> <ul style="list-style-type: none"> ■ Home Haemodialysis and Gamification - A new approach to information mediation <p>Methods</p> <p>Matthew Coombes</p> <ul style="list-style-type: none"> ■ Dialogical props and individuals with dementia <p>Jessica Schoffelen, Katrien Dreessen, Liesbeth Huybrechts</p> <ul style="list-style-type: none"> ■ Documenting (re)design of self-management tools for type 1 diabetes: Towards a continuity of knowledge sharing? <p>Martha Glazzard, Richard Kettley, Sarah Kettley, Sarah Walker, Rachel Lucas,</p> <ul style="list-style-type: none"> ■ Matthew Bates <p>Facilitating a 'non-judgmental' skills-based co-design environment</p> <p>Gael Guilloux</p> <ul style="list-style-type: none"> ■ Health centered design process | <p>9135</p> <p>Lecture Theatre (9130)</p> |
| 17:30 | 24hr Design Challenge presentations and public voting | Lecture Theatre |
| 18:00 - 20:00 | Drinks reception and Design Challenge awards prize giving Judge's Award sponsored by JRI-Orthopaedics | Foyer & Gallery |

Wednesday 15th July

| Time | Activity | Location |
|-------|--|--|
| 09:00 | <p>Breakout Session 4</p> <p>Contexts of design 2</p> <ul style="list-style-type: none"> ■ Asim Zaheer Evaluation of adopted postures and the hardest part of the domestic laundry ■ Rian Alison Burrows, Rachael Gooberman-Hill, David Coyle Home truths: Insights for designing inclusive smart home technologies for healthcare ■ Venere Ferraro, Lucia Rampino Designing an interface for elderly people in a home- automation system: A practice based research ■ Rob Shaw Preventing Falls – Learning From Design Related Issues in Care Homes <p>Children</p> <ul style="list-style-type: none"> ■ Chujit Treerattanaphan A Holistic Approach to Designing Product Guidelines for Physically Disabled Children in Remote Communities of Thailand ■ Barbara Cottrell Trippeer Creative Toolkits for Developing Biomedical Technology for Children with Chronic Illness ■ Hamit Kanuni Kuralkan Preventative Design: Understanding and Designing for Possible Hearing Loss from Personal Media Player Use ■ Damyanka Nencheva Tsvyatkova, Cristiano Storni Design of an educational interactive technology for children with type 1 diabetes: exploring ways to better involve users in the design process <p>Methods: models</p> <ul style="list-style-type: none"> ■ Sabine Wildevuur, Dick van Dijk, Thomas Hammer-Jakobsen, Anne Äyväri Designing value to enable chronic disease management through information and communication technology: the People Value Canvas ■ Tara French, Gemma Teal Transforming healthcare through design-led innovation ■ Joe Langley Using design to mobilise knowledge from health research into practice | <p>9003</p> <p>9002</p> <p>Lecture Theatre</p> |
| 10:30 | Coffee | |

Programme

Wednesday 15th July continued

| Time | Activity | Location |
|-------|---|---|
| 11:00 | <p>Breakout Session 5</p> <p>Participatory design in physical spaces</p> <ul style="list-style-type: none"> ■ Louise Moody Design for Improved Workplace Inclusion: An exploratory study of stakeholder needs ■ Daniel Winterbottom, Amy Wagenfeld Collaborative and Interdisciplinary Environmental Design, the Methods of Making: A Case Study Review ■ Laure Verschoren, Margo Annemans, Iris Van Steenwinkel, Ann Heylighen How to design child-friendly hospital architecture? Young patients speaking ■ Stephen Reay, Guy Collier, Amanda Bill, Justin Kennedy-Good, Andrew Old Designing new healthcare experiences: prototyping a physical space that enables a design approach to improving patient experiences in hospital <p>Public health</p> <ul style="list-style-type: none"> ■ David Loudon, Alastair Macdonald, Colin Macduff The design of a visual training tool for the prevention of Healthcare Associated Infections: using co-design to capture the training needs of doctors, nurses and cleaning staff ■ Jesus Galindo, Matt Carre, Stephen Bradbury, Roger Lewis, Tom Deakin and Andrew Williams User-informed re-design of a sonography system to reduce Work-Related Musculoskeletal Disorders ■ Catherine Stones, Mike Gent "If The Guardian can do it, we should be able to do it!": Examining Public Health Infographic Strategies used by Public Health Professionals ■ Katarina Wetter-Edman, Stefan Moritz Empowering transformation through design inquiry in public healthcare <p>Product design: physical function and wellbeing</p> <ul style="list-style-type: none"> ■ Alexander Walker Portable Cricothyrotomy Medical Simulator: Can design help save lives in an emergency? ■ Jonathan Yap, Gianni Renda Low-Cost 3D-printable Prosthetic Foot ■ Gianpaolo Fusari, Hawys Tomos, Ed Matthews, Mick Rock, Samuel Arke and David Wolfson Cutting Edge: understanding advanced surgical processes for total knee replacement through design research ■ Louise Moody Methods and challenges in designing an innovative wheelchair stability assessment system | <p>9003</p> <p>9002</p> <p>Lecture Theatre (9130)</p> |

Wednesday 15th July continued

| Time | Activity | Location |
|---------------|---|-----------------|
| | 'Reading 'A'' - a six hour live artwork recording six home visits to a woman ill with dementia. See notices for time and detail. | |
| 12:30 | Lunch | Foyer |
| 13:30 | Poster and Exhibition 'Show & Tell' An informal opportunity for delegates to view and discuss Posters and gallery exhibits with their contributors | |
| 14:00 | Keynote Presentations Rachel Cooper, Distinguished Professor of Design Management and Policy, University of Lancaster: 'Health and the City: the role of design and research' Mat Hunter, Chief Design Office, UK Design Council: 'But is it any good?' | Lecture Theatre |
| 15:30 | Tea | |
| 16:00 - 17:30 | Breakout Session 6 Spaces: green & healing environments <ul style="list-style-type: none"> ■ Helena Mary Chance, Daniel Winterbottom, Jonathan Bell, Amy Wagenfeld Gardens for Well-Being in Workplace Environments ■ Andy Darby, Emmanuel Tseklevs and Adrian Gradinar Co-designing playful interactions for public health in green spaces ■ Valerie Van der Linden, Margo Annemans, Ann Heylighen "You'd want an energy from a building": User experience of healing environment in a Maggie's Cancer Caring Centre ■ James Shippen, Barbara May, Paul Alexander and Eline Kolk Growing healthier | 9003 |

Thursday 16th July

| Time | Activity | Location |
|-------------|---|-----------------|
| 09:00 | Open Space briefing and conversations | Foyer |
| 11:00 | LEGO Serious Play workshop | |
| 12:00 | Feedback, plenary and prize giving Lunch | |
| 13:00 | Conference close | |