

 Table View

Session Overview

Date: Tuesday, 12/Jun/2012

11:00am - 1:00pm Heart Space	Registration
1:00pm - 1:30pm Pennine Lecture Theater	Chairs introduction
1:30pm - 2:30pm Pennine Lecture Theater	Key Note Presentation: Lizbeth Goodman
2:30pm - 3:00pm Heart Space	Break
3:00pm - 5:30pm Owen 222	Paper Presentations 1a
3:00pm - 5:30pm Owen 223	Paper Presentations 1b
5:30pm - 7:00pm Hallam Hall	<p>Private View: Encompass Exhibition</p> <p>On 11th June Encompass will open to the public displaying cutting edge research projects developed by interdisciplinary research teams from the arts and sciences as part of Sheffield Hallam University's Engineering for Life Project. Whether your interests lie in the science of lower back pain therapies, the use of animation to bridge the generation gap or sport inspired art you will find an engaging exhibit exploring the project, the challenges and the successes of the quality research taking place at Sheffield Hallam University. Conference attendees are invited to a Private View of the exhibition which will be accompanied by wine and canapes.</p>

Session

Paper Presentations 1a

Time: Tuesday, 12/Jun/2012: 3:00pm - 5:30pm

Location: Owen 222

Presentations

Motivations and barriers for interdisciplinary research: a study from a health, environment and technology programme in the UK

Danielle Sinnett¹, **Karen Bultitude**^{1,2}, **Katie Williams**¹

¹University of the West of England, United Kingdom; ²University College London, United Kingdom

Grow: visualising nature at nanoscale 4D animation (3D + time)

Erica Seccombe

Australian National University, Australia

Medieval Science: Uncovering meaning with an interdisciplinary methodology

THOMAS McLEISH

DURHAM UNIVERSITY, United Kingdom

Radishes or isothiocyanates? A search for control between art and science

Coilin O'Dubhghail

Sheffield Hallam University, United Kingdom

Being interdisciplinary...creating a culture for the academics of tomorrow

Joseph Langley, **Christine Le maitre**, **Karen Vernon-Parry**, **Eleanor Lockley**, **Julie Westerman**, **David Smith**, **Jonathon Wheat**, **Simon Choppin**

SHU, United Kingdom

Session

Paper Presentations 1b

Time: Tuesday, 12/Jun/2012: 3:00pm - 5:30pm

Location: Owen 223

Presentations

Employing Social Skills in Cross-Disciplinary Translation: an Institute of Advanced Study initiative at Durham University

Veronica Strang

Durham University, United Kingdom

Rewards at the archaeology-statistics interface

Caitlin Elizabeth Buck

University of Sheffield, United Kingdom

Injectable hydrogel for mesenchymal stem cell and protein delivery to the degenerate intervertebral disc

Becky Barthrop¹, Victoria Boyes², Subodh Sabnis², Neil Chiverton³, Chris Breen², John Foulkes⁴, Chris Sammon², Christine Lyn Le Maitre¹

¹Biomedical Research Centre, Sheffield Hallam University, United Kingdom; ²Materials and Engineering Research Centre, Sheffield Hallam University, United Kingdom; ³Sheffield Teaching Hospitals NHS FT; ⁴Smith and Nephew Extruded Films, UK

To use Sport as a gateway into Art and a gateway into Science for the general public.

Julie Fay Westerman

Sheffield Hallam University, United Kingdom

Emergence of the 'Third culture' in theory and practice:

Vesna Milanovic, Simeon Yates

SHU, United Kingdom

Date: Wednesday, 13/Jun/2012

9:00am - 9:30am Heart Space	Registration
9:30am - 10:30am Pennine Lecture Theater	Panel Discussion
11:00am - 12:30pm Owen 222	Paper Presentations 2a
11:00am - 12:30pm Owen 223	Paper Presentations 2b
12:30pm - 1:30pm Heart Space	Lunch
1:30pm - 3:00pm Owen 222	Paper Presentations 3a
1:30pm - 3:00pm Owen 223	Paper Presentations 3b
3:00pm - 3:30pm Heart Space	Break
3:30pm - 4:30pm Pennine Lecture Theater	Key Note Presentation: Robert Frodeman
4:30pm - 5:30pm Owen 222	Paper Presentations 4a
4:30pm - 5:30pm Owen 223	Paper Presentations 4b
7:00pm - 10:00pm	Conference Dinner: Millenium Galleries Sheffield

Session

Paper Presentations 2a

Time: Wednesday, 13/Jun/2012: 11:00am - 12:30pm

Location: Owen 222

Presentations

York Centre for Complex Systems Analysis: a community-based model for evolving collaborative interdisciplinary research

Leo Caves, Simon O'Keefe

York Centre for Complex Systems Analysis, University of York, United Kingdom

The socio-spatial nature of organisational creativity: Experiences along the road toward transdisciplinarity

Stephen Dobson, Rachel Barton, Louise Suckley, Liliana Rodriguez

Sheffield Hallam University, United Kingdom

Interdisciplinarity in Complex Systems Modelling and Simulation

Susan Stepney, Fiona Polack

University of York, United Kingdom

Session

Paper Presentations 2b

Time: Wednesday, 13/Jun/2012: 11:00am - 12:30pm

Location: Owen 223

Presentations

Managing multidisciplinary: Bridging the Gaps

Madeline Rooney, Tanya Kay

University of Strathclyde, United Kingdom

The persistent challenges of interdisciplinary research

Tim McGinley, Peter Burgess, Jenny Berger

University of Reading, United Kingdom

Designing an interface for Haptic human robot interaction

Jacques Penders

SHU, United Kingdom

Session

Paper Presentations 3a

Time: Wednesday, 13/Jun/2012: 1:30pm - 3:00pm

Location: Owen 222

Presentations

NanoInfoBio: A Case-Study in Interdisciplinary Research

Martyn Amos, Naomi Jacobs

Manchester Metropolitan University, United Kingdom

Three converging projects on Metropolitan urban matters

Pedro Brandão¹, Antoni Remesar², Ana Júlia Pinto^{1,2}, Ana Brandão^{1,2}, Ulrike Sacher¹

¹Cesur, Instituto Superior Técnico, Universidade Técnica de Lisboa, Portugal; ²Cr Polis, Facultat de Belles Arts, Universitat de Barcelona, España

Boredom and space: from theory to study cases

Christian Parreno

The Bartlett School of Architecture- University College London, United Kingdom

Session

Paper Presentations 3b

Time: Wednesday, 13/Jun/2012: 1:30pm - 3:00pm

Location: Owen 223

Presentations

Embedding Interdisciplinarity in the Institutional Culture: Creating a New Ecology of Learning at OCAD University

Kathryn Shailer

OCAD University (Ontario College of Art & Design), Canada

A new approach to modelling complex social problems?

John Forrester^{1,3}, **Richard Taylor**², **Richard Greaves**¹, **Neela Matin**³

¹York Centre for Complex Systems Analysis (YCCSA), University of York; ²Stockholm Environment Institute (SEI), Oxford;

³Stockholm Environment Institute (SEI), University of York

Interdisciplinary Artistic Research in the Academy: Investigating the Subject

Lisa Visser

OCAD University, Canada

Session

Paper Presentations 4a

Time: Wednesday, 13/Jun/2012: 4:30pm - 5:30pm

Location: Owen 222

Presentations

Interdisciplinarity and participation in public space projects. Methods and results

Antoni Remesar¹, **Pedro Brandão**², **Ana Júlia Pinto**^{1,2}, **Ana Luísa Brandão**^{1,2}

¹Cr Polis, Faculty of Fine Arts, University of Barcelona, Spain; ²CESUR, Technical Institute of Lisbon, Technical University of Lisbon, Portugal

Emotion in artistic practice

Barbara Rauch, **Lisa Visser**

OCAD University, Canada

Using chains of simulation model to facilitate interdisciplinary research - some experience from the Social Complexity of Immigration and Diversity (SCID) Project

Bruce Edmonds

Manchester Metropolitan University, United Kingdom

Session

Paper Presentations 4b

Time: Wednesday, 13/Jun/2012: 4:30pm - 5:30pm

Location: Owen 223

Presentations

In The Same Room – practical methods to encourage collaboration across scientific disciplines

Mark Edward Smith, Alicia Jennifer El Haj

Keele University, United Kingdom

Learning Across Disciplines - Transdisciplinary Study in Higher Education

Sophy Smith

Institute of Creative Technologies, De Montfort University, United Kingdom

Phosphate fertilizer from waste materials: toward meeting the needs of global agriculture

Thomas J Smith, Tim Nichol, Neil Bricklebank, Joseph Langley, Paul Devine

Sheffield Hallam University, United Kingdom

Date: Thursday, 14/Jun/2012

9:00am - 9:30am Heart Space	Registration
9:30am - 10:30am Pennine Lecture Theater	Key Note Presentation: Ann Light
10:30am - 11:00am Heart Space	Break
11:00am - 12:30pm Pennine Lecture Theater	Paper Presentations 5

Session

Paper Presentations 5

Time: Thursday, 14/Jun/2012: 11:00am - 1:00pm

Location: Pennine Lecture Theater

Presentations

Codex: Interdisciplinary Engagement in Sexual Health

Eleanor Lockley, Paul Devine, Chris Roast

SHU, United Kingdom

Analysis of protein interactions at native membranes by total internal reflection ellipsometry

Verena Kriechbaumer¹, Alexei Nabok², Mohd Mustafa², Rukaiah Al-Ammar², David Smith¹, Ben Abell¹

¹BMRC, Sheffield Hallam University, United Kingdom; ²MERI, Sheffield Hallam University, United Kingdom

ARTHOUSE: media as metaphor

Ian Gwilt, Joseph Langley, Claire Craig, Jonny Wood, Catherine Arnold

SHU, United Kingdom

Sustainable Solutions: Engaging in Multidisciplinary Research and Practice.

Roger Bateman

Sheffield Hallam University, United Kingdom