

UCD INNOVATION RESEARCH UNIT

Applying Simulation & Computation to Innovation Research



CULTURAL DIMENSIONS OF INNOVATION

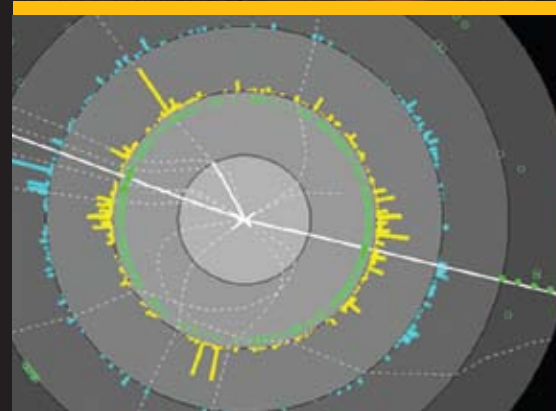
Monday 15 & Tuesday 16 November 2010
Newman House, St. Stephen's Green, Dublin 2

CULTURAL DIMENSIONS OF INNOVATION CONFERENCE

The conference will analyse the cultural dynamics which will shape Ireland's economic, technological and political innovation agenda. Ireland must unlock the potential of cultural and creative industries to encourage entrepreneurship; move towards a creative economy by catalyzing the spill-over effects of cultural and creative industries in a wide range of economic and social contexts.

The event will promote and establish an interface between academia, government, business and the Irish public to foster the discussion of an important current social issue...

The issue of INNOVATION.



CITIES PLAY A UNIQUE ROLE IN THE CULTURAL IMPULSES AND ENVIRONMENTS THAT TRIGGER NOVELTY

The conference will focus on the cultural sources of economic value creation by addressing specifically Dublin's urban, community and artistic culture and their contribution to the country's innovation agenda.

The conference will also investigate how the arts are used by organisations as sources and models for innovating their routines; how cultural and creative industries can be a strong growth area for employment in comparison to other economic sectors. It will critically analyse the impact of cultural activity for different economic contexts and the complex relationship between cultural production and social dynamics.

CONFERENCE PROGRAMME
DAY 1: MONDAY 15 NOVEMBER



UCD Michael Smurfit
Graduate Business School

Cultural Innovation and Academia

09.00–9:30	REGISTRATION & COFFEE
9:30	WELCOME ADDRESS Petra Ahrweiler Conference Chair
9:40–11:00	Gerardine Meaney Culture, Creativity and Innovation, A Crisis in Perspective John Caughie Creativity and Innovation: Trouble in the Comfort Zone
11:00–11:30	COFFEE
11:30–11:35	Mary Hanafin TD <i>Minister for Culture, Tourism and Sport</i> Official Conference Opening
11:35–12:45	Nico Stehr KEYNOTE SPEAKER A Cultural Studies Perspective on Innovation Chair: Petra Ahrweiler
12:45–13:30	LUNCH
13:30–15:00	Caroline Nevejan The Uncomfortability of Incommensurability Jason Mast Culture, Innovation, and Knowledge
15:00–15:30	COFFEE
15:30–17:00	André Skupin Visualizing Déjà Vu: A Computational Exploration of Geographic Attribute Space Andrea Scharnhorst Innovation and Culture from a Physics Perspective – what can we learn from mathematical models? Nona Schulte-Roemer Innovation in Urban Lighting Chair: Sally Wyatt
17:00–19:00	RECEPTION: Dept of Justice, 51 St Stephens Green EXHIBITION: Places and Spaces

CONFERENCE PROGRAMME
DAY 2: TUESDAY 16 NOVEMBER



Cultural Innovation and Policy in Practice

09.00–9:30	REGISTRATION & COFFEE
9:30	WELCOME ADDRESS Aoibheann Gibbons
9:40–11:00	Frank Cunningham The Digital Agenda and the Media Programme of the EU Finbarr Bradley Irish Imagination, Innovation Ingredient
11:00–11:30	COFFEE
11:30–12:30	Dick Gleeson Urban Systems for Livelihood and Liveability Declan McGonagle Innovative Thinking -The New Necessity Chair: Aoibheann Gibbons
12:30–14:00	LUNCH
14:00–15:30	Ray Yeates What do we mean when we say Innovation/Culture? Angela Dorgan Navigating the Musical Underground
15:30–16:00	COFFEE
16:00–17:00	Denis Roche Open Window – A Clinically Useful Artwork Richard Cotter Artists and the Insurance Business, Making a Difference

DAY 1 SPEAKERS

Nico Stehr is Karl Mannheim Professor of Cultural Studies at the Zeppelin University, Friedrichshafen, Germany. His research interests centre on the transformation of modern societies into knowledge societies and developments associated with this transformation in different major social institutions of modern society (e.g. science, politics, governance, the economy, inequality and globalisation); in addition, his research interests concern the societal consequences of climate change. He is one of the authors of the Hartwell Paper on climate policies. Among his recent book publications are: *Biotechnology: Between Commerce and Civil Society* (Transaction Books, 2004); *Knowledge* (with Reiner Grundmann, Routledge, 2005), *Moral Markets* (Paradigm Publishers, 2008), *Who owns Knowledge: Knowledge and the Law* (with Bernd Weiler, Transaction Books, 2008), *Knowledge and Democracy* (Transaction Publishers, 2008), *Society* (with Reiner Grundmann, Routledge, 2009) and *Climate and Society* (with Hans von Storch, World Scientific Publishers, 2010). His monograph on *Experts: The Knowledge and Power of Expertise* (with Reiner Grundmann) will be published in early 2010 by Routledge.

John Caughie is Emeritus Professor of Film & Television Studies at the University of Glasgow, and is currently Director of Arts Lab, the research hub of the University's College of Arts. He was a member of the AHRC Council from 2005 to 2010, and was Chair of its Research Committee from 2005 to 2009. His most recent books are *Television Drama: Realism, Modernism and British Culture* (Oxford University Press, 2000), and a short monograph on Troy Kennedy Martin's *Edge of Darkness* (British Film Institute, 2007). He is one of the editors of *Screen*, the leading international journal in film and television studies, and was co-editor, with Charlotte Brunson, of the Oxford University Press series, *Oxford Television Studies*.

Gerardine Meaney is Vice-Principal for Research and Innovation in the College of Arts and Celtic Studies, Director of the Centre for the Study of Gender, Culture and Identities and of the IRCHSS funded Graduate Research and Education Programme in Gender, Culture and Identities at University College Dublin. She was previously Director of Irish Studies and Director of the Centre for Film Studies at UCD. She is the author of *(Un)like Subjects: Women, Theory, Fiction* (London and New York: Routledge, 1993), a co-editor of the *Field Day Anthology of Irish Writing: Women's Writing and Traditions*, volumes 4 and 5 (Cork: Cork University Press, 2002), a study of Pat Murphy's film, *Nora* (Cork: Cork University Press and the Film Institute of Ireland, 2004). Previous research projects

include the 'Women in Modern Irish Culture' database, with Professor Maria Luddy (University of Warwick), funded by the AHRC; 'Women in Public and Cultural Life in Twentieth Century Ireland' with Dr Bernadette Whelan (University of Limerick) and Professor Mary O'Dowd (Queen's University Belfast), funded by the HEA North-South Research collaboration programme. She is general editor of the Liverpool University Press series of new critical editions of Irish Women's Writing.

Caroline Nevejan is a researcher and designer (www.nevejan.org). Currently she is collaborating with Professor Frances Brazier, Systems Foundations at Delft Technical University. She focuses on Witnessed Presence (www.systemsdesign.tbm.tudelft.nl). Caroline Nevejan is crown member of the Dutch Council for Culture and the Arts (www.cultuur.nl). Between 2004 and 2006 she was connected with the Amsterdam School for Communication Research of the University of Amsterdam (ASCOR) realising the dissertation 'Presence and the design of Trust' with Professor Cees Hamelink and Professor Sally Wyatt. Originally she studied social sciences with a focus on the methodology of research in the communications domain. Between 1988-2005 Caroline was cultural entrepreneur, co-founder/director of Waag Society and programmer of international conferences in Paradiso Amsterdam. She was deeply involved in the Doors of Perception network in those years.

Jason L Mast is Assistant Professor of Cultural Studies at Zeppelin University, Lake Constance, Germany. He received his PhD in Sociology from UCLA. His forthcoming book from Cambridge University Press is entitled *Power and Performance: The Clinton Years*.

Dr André Skupin is an Associate Professor of Geography at San Diego State University. He received a Dipl.-Ing. degree in Cartography at the Technical University Dresden, Germany, and a PhD in Geography at the State University of New York at Buffalo. Areas of interest and expertise include geographic visualisation, visual data mining, and information visualisation. Dr Skupin's work has been strongly interdisciplinary, aimed at increased cross-fertilisation between geography, information science, and computer science, and has been published in such diverse outlets as the 'Proceedings of the National Academy of Sciences' and the 'Journal of Informetrics'. Recent work has addressed novel methods for analysing human movement, demographic change, and environmental sensor data as trajectories in n-dimensional attribute space. Dr Skupin is a partner within the World Resources Simulation Center (WRSC), and serves on an advisory panel for the San Diego Association of Governments (SANDAG) and on the advisory board of 'Places & Spaces', a traveling exhibit of knowledge domain maps.

DAY 2 SPEAKERS

Dr Andrea Scharnhorst is a Senior Research Fellow at the Virtual Knowledge Studio for the Humanities and Social Sciences, at the Royal Netherlands Academy of Arts and Sciences in Amsterdam, leading the simulation collaboratory (<http://simshelf2.virtualknowledgestudio.nl/>). Her work focuses on modelling and simulating the emergence of innovations (new modes of behaviour and learning, forms of communication, technologies or scientific ideas) in social systems. She has worked on transfer of concepts and methods at an interface between physics and social sciences and humanities. Dr Scharnhorst has developed a specific framework (Geometrically Oriented Evolutionary THEories) to describe processes of problem solving and learning as an evolutionary search process in unknown knowledge landscapes. She has co-ordinated and participated in several EU- and national-funded projects, such as 'Web indicators for scientific, technological and innovation research', 'Competence and innovation in research networks - modeling self-organised learning of heterogeneous agents', 'Dissimilar simulation – the epistemics of simulation in the humanities' and 'Critical Events in Evolving Networks'. Currently, she leads the working group 'Information and Knowledge' of the COST action MP0801 'Physics of Competition and Conflicts'. Together with Andreas Pyka she edited a book on 'Innovation networks' (2009) and a special issue together with Katy Börner on 'Science of Science' in the Journal of Informetrics (2009).

Nona Schulte-Römer is a research fellow in the Cultural Sources of Newness unit at the Social Science Research Center Berlin (WZB) working with Professor Michael Hutter in the project 'Co-Evolution of Art and Economy'. She graduated from the Humboldt-Universität zu Berlin in 2006 in theatre studies/cultural communication, politics and cultural studies with a thesis on the social impact of architecture in 18th century England. In her doctoral thesis, she focuses on new trends in urban lighting design from a sociological perspective.

Frank Cunningham is currently working as a policy analyst in the evaluation function of the European Commission's Directorate General for the Information Society and Media (DG INFSO). He is responsible for evaluation of the effectiveness of EU Information Society policy, research, and deployment and their impact on innovation systems at European and regional levels. He is also responsible for the co-ordination and follow-up of ethical issues associated with ICT research in the European Union's Framework Programme 7. Recently he has been appointed the European Commission's Task Force on Northern Ireland which reports directly to the President. Mr Cunningham's role in the Task Force is centred around promotion of the EU's flagship initiative, the Digital Agenda for Europe in Northern Ireland in close co-operation with the Government and agency services. Formerly, he co-ordinated the Open Microprocessor Embedded Systems Initiative within the EU's ESPRIT ICT RTD Programme. He also led the eEurope GoDigital initiative within DG INFSO that aimed, in co-operation with member states and regions, to assist European SMEs introduce e-commerce into their business processes in the context of regional/local innovation strategies. Before joining the European Commission, Frank worked in research, development and advanced manufacturing within the international ICT industry in Ireland, the USA and the UK. He obtained his honours degree in Physics from Queen's University of Belfast and his Masters in Digital Techniques from Heriot-Watt University, Edinburgh.

Finbarr Bradley is a former professor at DCU, NUI Maynooth and UCD. Educated at North Monastery, Cork, UCC (electrical engineering), Syracuse University (MBA) and New York University (PhD), he manages innovation learning communities in several Irish and international companies. As professor of finance at DCU, Finbarr developed key graduate programmes for IFSC executives. He set up the innovative centre, Fiontar and an Irish-medium degree in finance, computing and languages. He is former professor in the Economics Department at NUI Maynooth and visiting professor at UCS Michael Smurfit Graduate Business School. He taught at University of Michigan, Fordham University and Helsinki School of Economics and co-authored the book, 'Capitalising on Culture, Competing on Difference' (Blackhall Publishing, 2008) which focuses on innovation, learning and sense of place in a globalising Ireland.

Dick Gleeson, Dublin City Planner, sees his role as being pivotal in terms of making a critical contribution to the directions and future shape of the City of Dublin, particularly in the areas of generating vision, developing strategy and applying best practice. This involves working collaboratively with the energy of the city, its academic institutions, business community and investment sector. He has been central in developing and embedding a systems type approach to planning; inspired by an urbanist/holistic philosophy, and geared to achieve integration across the economic, social, cultural, environmental and urban spatial

spectrum. He has championed the adoption of a 'Sustainable Dublin Framework' in the Draft City Development Plan based on the principles and methodology of 'The Natural Step'. Dick has a major interest in public engagement and has been closely involved with 'Designing Dublin' a recent three-month project which paired volunteers from the city with members of various departments of Dublin City Council. For the last year he has worked on 'My City', an interactive exhibition on city planning, housed in the new 'Wood Quay Venue' at Civic Offices, Dublin. He has been a member of several juries run by the Royal Institute of Architects of Ireland (RIAI) including the competition for the Dublin Spire, and is also a member of the RIAI awards jury for 2010. He is a member of the Dublin Creative Alliance (DCA) and is also a board member of the Temple Bar Cultural Trust, the Grangegorman Development Agency and The Academy of Urbanism. He chairs the Univer-cities initiative in Dublin. He has a BA from NUIM, a HDip in Town Planning from UCED and is a member of the IPI.

Professor Declan McGonagle is Director of the National College of Art and Design, Dublin. He worked and exhibited as an artist for a period after graduating from Belfast College of Art before being appointed the first organiser of the Orchard Gallery in Derry in 1978. His practice as a curator has included the Orchard Gallery in Derry and the ICA Exhibitions programme in London. He was first Director of the Irish Museum of Modern Art in Dublin (1990-2001) and has also

directed independent projects such as the first Tyne International, (A New Necessity 1990) in Gateshead/Newcastle-upon-Tyne and has initiated innovative Public Art and Community and Education Programmes. He selected and curated the exhibition 'A Shout In The Street' (Collective Histories of Northern Irish Art series), for the Golden Thread Gallery in Belfast, 2008. He was shortlisted for the Turner Prize (1987) and has also served on the Turner Prize Jury (1993) and other national and international award juries. He speaks and writes regularly on relations between the artist/art, the institution and communities and is a contributing Editor of Artforum (New York) and a member of the editorial panel of Engage UK. He has served on the BBC's Broadcasting Council for Northern Ireland and has been a mentor on the Clore Leadership Programme (London) and is a member of the Board of the Liverpool Biennial, City Arts, Dublin and Projectbase in Cornwall. He is an elected Fellow of the Royal Society of the Arts, London, and was a member of the Museum Working Group of the Healing Through Remembering Project, Belfast [2004 - 2008]. He is also a member of the Advisory Group of Tate Connects, Tate Gallery, London and a Board member of the Irish Architecture Foundation. He was the founding Director of Interface, a practice based research centre in the School of Art and Design at the University of Ulster in Belfast [2004-2008], which deals with issues of art, design and context and is currently the Director of the National College of Art and Design, in Dublin.

Ray Yeates is the Artistic Director and CEO of Axis Ballymun. Axis is a venue, a production company, an arts development company and a resource centre for the area. This year his production of 'The Parting Glass' by Dermot Bolger toured Ireland and played at The Underground Zero Festival in New York and his collaboration of hip and sean nós singing, Hip Nós, toured to Cape Town. He is a former deputy artistic Director of The Abbey Theatre and was a Resident Teacher at the American Academy of Dramatic Art and Artistic Director of The Chelsea Playhouse in Manhattan.

Angela Dorgan is the founder and director of First Music Contact an Irish resource organisation which promotes, encourages and develops Irish acts. Among FMC's major successes are the 'Hard Working Class Heroes Festival', a showcase for 100 bands in Dublin each autumn and the 'Music from Ireland' project which supports Irish acts at eight international music festivals including SXSW, CMW, MIDEM, CMJ and POPKOMM. FMC is funded by the Arts Council of Ireland and the MFI project is funded by Culture Ireland, IMRO, and the Arts Council. FMC has recently launched 'Breaking Tunes', a free online showcase opportunity for Irish acts www.breakingtunes.com www.firstmusiccontact.com www.hwch.net www.musicfromireland.org

Denis Roche is an artist and director of Vivartes. As lead artist of the Open Window Project in St James Hospital Dublin, Denis developed a unique art intervention for patients in hospital isolation, which has been the subject of invited presentations at MoMA, The Smithsonian Institute and the National Naval Medical Centre, Bethesda. A practicing artist and composer living in Ireland, Denis has composed for film, television and contemporary dance and created various sound installations in locations. He is a member of the Arts and Health Working Group who developed a policy document on Art and Health for the Arts Council.

Richard Cotter works as Talent & Organisation Development Manager for Allianz Ireland which he joined in June 2008. Before Richard joined the Allianz Group he had accumulated twelve years experience in various Organisation Learning & Development positions, including management, within different market sectors. Richard has significant multi-cultural work experience and along with his primary responsibilities he also delivers a leadership programme to executive managers for the Allianz Global Corporate University in Munich. Richard holds an Honours Degree in Human Resource Management, and a Certificate in Training Practice from the Chartered Institute of Personnel Development. He is currently completing a research PhD on the role of reflection in management learning.

PLACES & SPACES EXHIBITION

Please take the opportunity to visit the Places & Spaces Exhibition at the Department of Justice, 51 St Stephens Green from Monday 15th to Friday 19th November, from 10 – 4 daily.

The exhibition, Places & Spaces: Mapping Science is meant to inspire cross-disciplinary discussion on how to best track and communicate human activity and scientific progress on a global scale.

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 **INNOVATION
DUBLIN 2010**
November 10th - 21st

