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WELCOME

Welcome to the May ANU Integration News.

We look forward to welcoming you to the first ANU Integration Network meeting for 2010, which will look at modelling as a tool for research integration. It will be held on Thursday May 27th from 5.00 to 6.15 pm in the Graduate Student Room at University House. Professor Tony Jakeman and Dr Jen Badham will kick off the discussion. Light refreshments provided and cash bar.

Gabriele Bammer and Peter Deane

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NEWS & EVENTS

27 May 2010, 5.00-6.15pm, The ANU Integration Network Meeting: 'Modelling as a Tool for Research Integration'.

Venue: Graduate Student Room (formerly the Billiards Room), University House (inside the Cellar Bar)

Details: Professor Tony Jakeman and Dr Jen Badham will kick off the discussion. The aim will be to hear from all participants about their experiences in using modelling to bring together knowledge from different disciplines and stakeholders, deal more effectively with unknowns and provide decision support to policy makers and practitioners.

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Light refreshments will be provided and there will be a cash bar.

New Conference Announcements

- 16-19 June 2010, International Symposium: Research Across Boundaries - Advances in Theory-building, Luxembourg (<http://dica-lab.org/rab/>)
- 29 June-2 July 2010, International Institute of Informatics and Systemics (IIIS) conferences (of note), Orlando, Florida, USA (http://www.iiis.org/iiis/IIISConferences_july_2010.asp):
 - Sub-conference: 14th World Multi-Conference on Systemics, Cybernetics and Informatics: WMSCI 2010 (<http://www.sysconfer.org/wmsci>)
 - Sub-conference: International Symposium on Design and Research in the Artificial and the Natural Sciences: DRANS 2010 (<http://www.sysconfer.org/drans>)
 - Sub-conference: The 4th International Multi-Conference on Society, Cybernetics and Informatics: IMSCI 2010 (www.sysconfer.org/imsci)
 - Sub-conference: The 8th International Conference on Politics and Information Systems, Technologies and Applications: PISTA 2010 (<http://www.sysconfer.org/pista>)
- 5-7 July 2010, Australian Universities Community Engagement Alliance (AUCEA) National Conference: Communities Partnership and Participation, Launceston, Tasmania (<http://aucea.com.au/events/2010-aucea-national-conference>)
- 15-17 July 2010, Industrial Transformation Project (IT) Asia-Pacific Network for Global Change Research Conference: Experiments, System Innovation and Sustainability Transitions in Asia, Chiang Mai, Thailand (<http://www.sea-user.org/uweb.php?pg=36>)
- 21-23 July 2010, 1st International Workshop on Complexity and Real World Applications: Using the Tools and Concepts from the Complexity Sciences to Support Real World Decision-making Activities, Botleigh Grange (near Southampton), England (<http://www.decisionmechanics.com/1st-international-workshop-on-complexity-and-real-world-applications-first-call-for-interest/>)
- 29 July-2 August 2010, Cybernetics: Art, Design, Mathematics—A Meta-Disciplinary Conversation, New York, USA (<http://www.asc-cybernetics.org/2010/>)
- 2-5 August 2010, Fifth International Conference on Interdisciplinary Social Sciences, Cambridge, UK (<http://www.SocialSciencesConference.com>)
- 3 September-2 October 2010, sponsored by the National Science Foundation and the University of Idaho, Enhancing Communication in Cross-Disciplinary Research (ECCDR), Coeur d'Alene, Idaho, USA (<http://www.cals.uidaho.edu/toolbox/conference.asp>)
- 15 September 2010, European Conference on Complex Systems, Lisbon, Portugal (<http://eccs2010.eu/>):
 - Satellite Session: Modelling the Non-separability of a Very Complex World (<http://www.per.marine.csiro.au/staff/Fabio.Boschetti/context.htm>)
- 26-30 September 2010, Australian Association for Environmental Education Conference: Leading Change – Living for One Planet, Australian National University, Canberra (https://www.conferenceco.com.au/aaee/Abstract_Submission_Information.asp)
- 7-10 October 2010, AIS 32nd Annual Conference 2010: Interdisciplinary Approaches to Integrating Ethics and Sustainability, San Diego, California, USA (<http://www.units.muohio.edu/aisorg/Conference/2010CFP.shtml>)

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- 26-29 October 2010, Environment Institute of Australia and New Zealand: From Discovery to Delivery: Science, Policy, Leadership and Action, Wellington, New Zealand (<http://www.confer.co.nz/eianz2010/>)
- 28 -29 October 2010, Tentative Governance In Emerging Science and Technology: Actor Constellations, Institutional Arrangements & Strategies, Enschede, The Netherlands (http://www.igs.utwente.nl/international_conference_tenta/)
- 8-10 November 2010, Systems Thinking in Action: Fueling New Cycles Of Success, Boston, Massachusetts (<http://pegasus.prod.ifpeople.net/overview>)
- 11-13 November 2010, Creativity, Inquiry, and Discovery: Undergraduate Research In and Across the Disciplines, Durham, North Carolina, USA (http://www.aacu.org/meetings/undergraduate_research/2010/cfp.cfm?utm_source=meetings&utm_medium=blast&utm_campaign=undergradresearch2#themes)
- 20-23 April **2011**, XVIIIth International Conference of the Society for Human Ecology, Human Responsibility & Environmental Change: Planning, Process, and Policy, Lake Las Vegas, Nevada, USA (http://www.societyforhumanecology.org/final%20program_files/CallForPapers.html)

Upcoming Conference Reminders

- 12-15 May 2010, Community-Based Participatory Research Conference, Portland, Oregon, USA (<http://depts.washington.edu/ccph/conf10-overview.html>)
- 27-28 May 2010, International Conference on Developing Human Capital for Sustainable Economies: Greening Human Capital, Karlsruhe, Germany (<http://www.etechgermany.com/HCConference.pdf>)
- 30 May-1 June 2010, 16th Annual International Sustainable Development Research Conference: A New Agenda for Global Governance, Hong Kong, China (<http://www.kadinst.hku.hk/sdconf10/>)
- 7-12 June 2010, State of the Art in Ecological Footprint Theory and Applications, Footprint Forum: Meet the Winners of the 21st Century, Colle Val d'Elsa, Italy (http://www.footprintnetwork.org/en/index.php/GFN/blog/call_for_abstracts)
- 16-18 June 2010, Regional Environmental Governance Workshop: Interdisciplinary Approaches, Theoretical Issues, Comparative Designs (REGov), Geneva, Switzerland (<http://www.reg-observatory.org/index.html>)
- 2 July 2010, Swiss Conference of Inter-and Transdisciplinarity 2010 (ITD10), Suisse Sion, Switzerland (<http://www.iukb.ch/index.php?id=301>)
- 18-23 July 2010, 54th Annual Meeting of the International Society for the Systems Sciences: Governance for a Resilient Planet, Waterloo, Canada (http://iss.org/world/Waterloo_2010)
- 21-25 July 2010, Annual Meeting of the Society for Values in Higher Education, Making Choices: Sustainability in a World of Conflicting Values, Portland, USA (<http://www.svhe.org/content/call-papers>)
- 25-30 July 2010, International Conference of the System Dynamics Society: Beyond the Crisis: Greening Society, the Economy and the Future, Seoul, Korea (<http://www.systemdynamics.org/conferences/current/index.htm>)

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- 6-9 September 2010, 8th World Action Learning and Action Research Congress, Melbourne (<http://www.alara.net.au/files/World%20Congress%202010%203rd%20Announcement.pdf>)
- 7-9 September 2010, OR52, the Operational Research Society's 52nd annual conference, Egham, Surrey, UK ([http://www.theorsociety.com/orshop/\(yzwopcu2eu0zvhm4wyhzb55\)/orcontent.aspx?inc=or52_main.htm](http://www.theorsociety.com/orshop/(yzwopcu2eu0zvhm4wyhzb55)/orcontent.aspx?inc=or52_main.htm))
- 14-16 September 2010, XVII International Conference on Systems Science, Wroclaw, Poland (<http://www.icss.pwr.wroc.pl/>)
- 15-17 September 2010, td-conference 2010: Implementation in Inter- and Transdisciplinary Research, Practice and Teaching, Geneva, Switzerland (<http://www.transdisciplinarity.ch/e/Conference/international/2010/index.php>)

CALL FOR PAPERS

Call for papers for a special issue of the *International Journal of Design on Integrating Systems Thinking and Design Action*

"The *International Journal of Design* is a peer-reviewed, open-access journal devoted to publishing research papers in all fields of design...It aims to provide an international forum for the exchange of ideas and findings from researchers across different cultures and encourages research on the impact of cultural factors on design theory and practice".

For this special issue of the journal, contributions are sought on how a systems approach can be integrated into design thinking and action. Papers are also sought on examinations into the present state of systems thinking as it relates to design.

Research themes that could be covered for the special issue are:

- "What can designers learn from the history of applied systems thinking?"
- How a systems approach can be integrated into design thinking to create intentional change in society and culture through the creation of new products, services, systems, and environments?
- What are the core distinguishing features of systems thinking and design thinking that could form the basis of a common approach to intentional change?"

Paper deadline: 31 May 2010

More details at: <http://www.ijdesign.org/ojs/index.php/IJDesign/announcement>

General call for papers for the journal *Emergence: Complexity & Organization* (see review under Journal Profile below).

"This journal publishes articles of a qualitative and quantitative nature relating complex systems, sensemaking, psychology, philosophy, semiotics, and cognitive science to the management of organizations both public and private. Readers are managers, academics, consultants, and others

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interested in the possibility of applying the insights of the science of complex systems to day-to-day management and leadership problems”.

“Emergence: Complexity & Organization is interested in receiving articles, opinions and reviews from a wide range of perspectives, including:

- Theoretical and practitioner based;
- Both conventional and unconventional methodologies;
- Case study work;
- Computational modeling / simulation;
- Complex network analysis, both dynamic and topological;
- Sustainable management practices;
- Social entrepreneurship;
- Tools to support complex decision making processes;
- The relationship between structure and function;
- Approaches to teaching management or leadership specifically, or systemic thinking in general;
- Work covering a variety of organizational types, size and ownership;
- Cross cultural studies and work from Australasia, Africa, Central and South America and the Far East as well as the USA and Europe.

Authors should set their paper clearly within the context of complexity and complex systems, however they chose to define such, and that the practical implications and transferable lessons from their work be clearly described”.

More details at: <http://iscepublishing.com/ECO/submissions.aspx>

RESOURCE OF INTEREST

Powercube: A new resource for understanding power for social change -
www.powercube.net

“Powercube.net is a response to requests from many people for more practical and conceptual methods, materials and resources to help them think about and respond to power relations within their organisations and within wider social and political spaces and institutions. The new site is a collective effort, representing contributions from members of the Participation, Power and Social Change team at Institute of Development Studies (University of Sussex) as well as a number of others from social movements, NGOs, civil society organisations and donor agencies across the world” (www.powercube.net).

The website offers a wide variety of resources for analyzing power and acting in a power aware manner. Of note is a downloadable PDF on power analysis for social change:

http://www.powercube.net/wp-content/uploads/2010/01/PowerPack_web_version.pdf. Material on the site is offered under a creative commons copyright (<http://creativecommons.org/licenses/by-nc-sa/3.0/>).

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The creators of the website: "...invite you to continue contact with us - sharing ideas and resources and giving us feedback. We hope this site will grow and develop over time, becoming increasingly led by its users. In the meantime you can follow us on twitter as 'powercube' or contact us directly at info@powercube.net".

JOURNAL PROFILE

Emergence: Complexity & Organization - An International Transdisciplinary Journal of Complex Social Systems

Emergence: Complexity & Organization (E:CO) is an international and interdisciplinary journal focusing on human organisations as complex systems and in context to complexity science. E:CO integrates multiple perspectives in management theory, research, practice and education and attempts to bridge three gaps: "the distance between academic theory and professional practice; the space between the mathematics and the metaphors of complexity thinking; and, the disparity between formal idealizations and actual human organizations...Readers of E:CO are managers, academics, consultants and others interested in developing and applying the insights of complex systems theories and models to analysis and management of private-, public- and social-sector organizations and applying insights derived from organizational experience to understanding complex systems theories. E:CO is published by The Complexity Society, the Institute for the Study of Coherence and Emergence, and Cognitive Edge". The journal publishes peer-reviewed articles as well as non-reviewed content such as essays, profiles, conference summaries, news, commentary, book reviews, and the like.

* Website: http://iscepublishing.com/ECO/about_eco.aspx

* Impact factor (2008): None recorded

ABOUT ANU INTEGRATION NEWS

This newsletter aims to share updates on events, visitors, activities, opportunities and resources among ANU staff and students with an interest in research integration (or inter- or trans-disciplinarity).

Back issues are available at <http://i2s.anu.edu.au/i2s-publications/anu-integration-news>. To contribute material or to subscribe or unsubscribe from the newsletter, please contact Peter Deane at ra.iis@anu.edu.au or peter.deane@anu.edu.au.