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February 2011, #28

## WELCOME

Welcome to the first ANU Integration News for 2011.

An exciting development is the growing number of meetings and workshops which are looking to build bridges between diverse groups interested in different manifestations of interdisciplinary and transdisciplinary research. In June this year the inaugural meeting of the International Network for Interdisciplinarity and Transdisciplinarity (INIT) will occur in Utrecht with the aim of planning a major international conference in 2012. Watch this space for updates.

Gabriele Bammer and Peter Deane

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- **Smithson, M.** (2010). When less is more in the recognition heuristic. *Judgment and Decision Making*, 5, 230-243.

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## NEWS & EVENTS

### Human Ecology Forum begins for 2011

The Human Ecology Forum will have its first meeting for the year on the 4<sup>th</sup> of March. Details of speakers, time and venue are available at: <http://hec-forum.anu.edu.au/>.

### New Conference Announcements

- 13-15 April 2011, World Foresight Forum - Creating tomorrow, The Hague, The Netherlands ([www.worldforesightforum.org](http://www.worldforesightforum.org))
- 2-3 May 2011, 10<sup>th</sup> Institute for Advanced Studies on Science, Technology and Society (IAS-STS) Annual Conference: Critical Issues in Science and Technology Studies, Graz, Austria ([http://www.ifz.tugraz.at/index\\_en.php/article/articleview/2069/1/74](http://www.ifz.tugraz.at/index_en.php/article/articleview/2069/1/74))

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- 4-7 May 2011, Hellenic Society for Systemic Studies (HSSS) Conference - Professional Systemics in Action, Athens, Greece (<http://www.hsss2011.gr>)
- 6-8 June 2011, Society for Risk Analysis (SRA) – Europe, 20<sup>th</sup> Annual Meeting - Multi-risk analysis in a global world, Stuttgart, Germany (<http://www.sraeurope.org/home.aspx?pag=1000>)
- 10 June 2011, Swiss Inter-Conference on Transdisciplinarity, Suisse Sion, Valais, Switzerland (<http://www.iukb.ch/itd11>)
- 12-16 June 2011, The 16<sup>th</sup> International Conference on Transformative Science, Engineering, and Business Innovation: Technology Innovation Through Transformative Synthesis, Jeju Island, South Korea ([http://sdpsnet.org/sdps/index.php?option=com\\_content&view=frontpage&Itemid=1](http://sdpsnet.org/sdps/index.php?option=com_content&view=frontpage&Itemid=1))
- 15-17 June 2011, 11<sup>th</sup> International Conference on Knowledge, Culture and Change in Organizations, Madrid, Spain (<http://ontheorganization.com/conference-2011/>)
- 26-29 June 2011, University of Queensland Annual Postgraduate Conference - Wicked Problems: Environmental Research in a Changing World, North Stradbroke Island, Queensland, Australia ([www.gci.uq.edu.au/ERE-conference-2011](http://www.gci.uq.edu.au/ERE-conference-2011))
- 13-15 July 2011, Understanding the Social World, Huddersfield, UK, (<http://www2.hud.ac.uk/hhs/research/conf/criss/index.php>)
- 19-21 July 2011, 2<sup>nd</sup> The Asia-Pacific Science, Technology and Society Network Conference - STS and the New Knowledge Society: Negotiating Innovation, Risk, Trust, Culture & Development, Shenyang, China (<http://www.neusts.com/stsbeta2/index.asp>)
- 1-13 August 2011, American Society for Cybernetics (ASC), Annual Meeting – Listening, Richmond, Indiana, USA (<http://www.asc-cybernetics.org/2011/>)
- 19-24 August 2011, Aberdeen Centre for Environmental Sustainability (ACES) - Conservation Conflicts: Strategies for coping with a changing world, Aberdeen, Scotland, UK (<http://www.aces-2011.org/>)
- 23-25 August 2011, Discourse, Power, Resistance 'Down Under' - Will the Real Evidence Please Stand Up: Politicising Qualitative Research, Cairns, Australia (Web <http://www.aqr.org.au/conference-2011.html>)
- 6-8 September 2011, Operational Research Society 53<sup>rd</sup> Annual Conference (OR53) - Bridging the Gap Between Operational Research Theory and Practice, Nottingham, UK ([http://www.theorsociety.com/orshop/%28yzwopcu2eu0zvhm4wyhzb55%29/orcontent.aspx?inc=or53\\_main.htm](http://www.theorsociety.com/orshop/%28yzwopcu2eu0zvhm4wyhzb55%29/orcontent.aspx?inc=or53_main.htm))
- 14-16 September 2011, Transdisciplinarity Conference (td-conference): Evaluation of Inter- and Trans-disciplinary Research, Practice and Teaching (<http://www.transdisciplinarity.ch/e/Conference/international/2011/>)
- 26-27 September 2011, Action Learning, Action Research Association (ALARA) Australasian Conference - Action and change: Creative responses for new challenges, Brisbane, Australia (<http://www.alara.net.au/public/home>; [http://www.alara.net.au/files/ALARA%20call%20for%20papersv3.20.12.10\\_0.doc](http://www.alara.net.au/files/ALARA%20call%20for%20papersv3.20.12.10_0.doc) (PDF))
- 28-30 September 2011, Environment Institute of Australia and New Zealand - Facing the Future: Actions for the Environmental Profession, Sunshine Coast, Queensland, Australia (<http://www.eianz.org/eventsplus/category/environment-institute-annual-conference>)

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- 5-6 October 2011, Science for the Environment - Environment for Society: Bridging the Gap Between Scientists and Practitioners in Environmental Science, Aarhus, Denmark (<http://www.dmu.dk/en/news/arrangements/conferences/environmentconference2011/>)
- 13-16 October 2011, Association for Integrative Studies 33<sup>rd</sup> Annual Conference - Traditions and Trajectories: Interdisciplinarity and Integrative Learning, Grand Rapids, Michigan, USA (<http://gvsu.edu/aisconference/call-for-proposals-2.htm>)
- 31 October – 2 November 2011, Systems Thinking in Action 21<sup>st</sup> Annual Conference - Because Sustainable Success Doesn't Just Happen, Seattle, Washington, USA (<http://www.systemsthinkinginaction.com/>)
- 6-8 July 2012, 12<sup>th</sup> International Conference on Knowledge, Culture and Change in Organizations, Chicago, USA (<http://ontheorganization.com/conference-2012/>)
- 15-17 November 2012, Fourth International Conference on Science in Society, Berkeley, California, USA (<http://science-society.com/conference-2012/>)

### Upcoming Conference Reminders

- 2-4 March 2011, Practicing Theory: Amsterdam School for Cultural Analysis (ASCA) International Workshop and Conference, Amsterdam, Netherlands (<http://www.hum.uva.nl/practicing-theory>)
- 7-9 March 2011, Workshop on Philosophy of Interdisciplinarity: New Practices of Philosophy - Taking Philosophy beyond Disciplinary Bounds, Denton, Texas USA ([http://www.pin-net.gatech.edu/international\\_conference\\_2011.php](http://www.pin-net.gatech.edu/international_conference_2011.php))
- 11-16 March 2011, Resilience 2011: Resilience, Innovation and Sustainability: Navigating the Complexities of Global Change, Tempe, Arizona ([http://resilience2011.org/index.php?option=com\\_content&view=frontpage&Itemid=1](http://resilience2011.org/index.php?option=com_content&view=frontpage&Itemid=1))
- 21-22 March 2011, 4<sup>th</sup> Annual NIH Conference on the Science of Dissemination and Implementation: Policy and Practice, Bethesda, Maryland (<http://conferences.thehillgroup.com/obsr/DI2011/index.html>)
- 27-30 March 2011, International Institute of Informatics and Systemics (IIIS) - **March sub-conferences** ([http://www.iiis.org/iiis/IIISConferences\\_spring\\_2011.asp](http://www.iiis.org/iiis/IIISConferences_spring_2011.asp)):
  - 2<sup>nd</sup> International Multi-Conference on Complexity, Informatics and Cybernetics (IMCIC 2011)
  - 5<sup>th</sup> (SPRING) International Conference of Knowledge Generation, Communication and Management (KGCM 2011)
- 5-7 April 2011, YoungOR (Operational Research) 17, Nottingham, UK ([http://www.orsoc.org.uk/orshop/%28rnjaeqrae3uyls455sewruj2%29/orcontent.aspx?inc=yor17\\_main.htm](http://www.orsoc.org.uk/orshop/%28rnjaeqrae3uyls455sewruj2%29/orcontent.aspx?inc=yor17_main.htm))
- 4-9 April 2011, DEVS (Discrete Event System) Integrative Symposium on Theory of Modeling and Simulation, Boston, Massachusetts, USA (<http://www.sce.carleton.ca/faculty/wainer/DEVS11/doku.php>)
- 11-15 April 2011, Second Annual International Science of Team Science Conference, Chicago (<http://scienceofteamscience.northwestern.edu/annual-scits-conference>)

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- 20-23 April 2011, XVIII<sup>th</sup> 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](http://www.societyforhumanecology.org/final%20program_files/CallForPapers.html))
- 8-10 May 2011, 17<sup>th</sup> Annual Conference of the International Sustainable Development Research Society, New York, NY, USA (<http://isdrc17.ei.columbia.edu/?id=home>)
- 10-14 May 2011, Community-University Partnerships: Bringing Global Perspectives to Local Action, Ontario, Canada (<http://www.cuexpo2011.ca/>)
- 12-13 May 2011, The 4<sup>th</sup> International Seville Conference on Future-Oriented Technology Analysis (FTA): FTA and Grand Societal Challenges – Shaping and Driving Structural and Systemic Transformations, Seville, Spain (current abstract call deadline 23 November 2010)] ([http://foresight.jrc.ec.europa.eu/fta\\_2011/intro.html](http://foresight.jrc.ec.europa.eu/fta_2011/intro.html))
- 28-29 May 2011, 9<sup>th</sup> Transformative Learning Conference: Transformative Learning in Time of Crisis: Individual and Collective Challenges, Athens, Greece  
(<http://www.transformativelearning.org/index/Greece2011TLCCall101510.pdf>)
- 31 May - 3 June 2011, 4<sup>th</sup> CHAOS (Chaotic Modeling and Simulation) International Conference, Agios Nikolaos, Crete, Greece (<http://www.cmsim.org/>)
- 4 June 2011, Inter And Transdisciplinary Issues Of Economic Behavior, Bucharest, Romania  
([http://itchannel.ro/faa-sesiune/sites/default/files/Call\\_for\\_papers\\_W\\_ITIEB\\_2011.pdf](http://itchannel.ro/faa-sesiune/sites/default/files/Call_for_papers_W_ITIEB_2011.pdf))
- 4-8 June 2011 **and** 13-17 June 2011, 17<sup>th</sup> International Symposium on Society and Resource Management. A split conference, catering for different parts of the world:
  - Madison, Wisconsin, USA (4-8 June) (<http://www.issrm2011madison.iasnr.org>)
  - Kota Kinabalu, Sabah, Malaysia (13-17 June) (<http://www.issrm2011malaysia.iasnr.org>)
- 20-23 June 2011, International Council on Systems Engineering 2011 International Symposium, Denver, Colorado, USA (<http://www.incoase.org/symp2011/>)
- 11-13 July 2011, 6<sup>th</sup> Interdisciplinary Social Sciences Conference, New Orleans, Louisiana, USA  
(<http://thesocialsciences.com/conference-2011/>)
- 11–13 July 2011, Australian Universities Community Engagement Alliance (AUCEA) International Conference, Sydney (Current abstract call deadline 31 January 2010)  
(<http://aucea.com.au/news/call-for-proposals-2011-conference>)
- 14-16 July 2011, Constructions of the Future: Life Beyond Disciplines An International and Interdisciplinary Conference, Heidelberg, Germany (<http://call-for-papers.sas.upenn.edu/node/38694>)
- 17-22 July 2011, 55<sup>th</sup> Meeting of the International Society for the Systems Sciences - All together now – working across disciplines: People, principles and practice, Hull, UK  
([http://isss.org/world/2011\\_Hull\\_UK](http://isss.org/world/2011_Hull_UK))
- 18-22 July 2011, 6<sup>th</sup> International Conference on Environmental Future, Newcastle upon Tyne, United Kingdom (<http://www.icef.org.uk>)
- 19th–22 July 2011, International Institute of Informatics and Systemics (IIIS) - **July sub-conferences** ([http://www.iiis.org/iiis/IIISConferences\\_summer\\_2011.asp](http://www.iiis.org/iiis/IIISConferences_summer_2011.asp)):
  - 2<sup>nd</sup> International Symposium on Science 2 and Expansion of Science (S2ES)
  - 5<sup>th</sup> (SUMMER) International Conference on Knowledge Generation, Communication and Management (KGCM 2011)
  - 5<sup>th</sup> International Multi-Conference on Society, Cybernetics and Informatics (IMSCI 2011)

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- 8<sup>th</sup> International Conference on Cybernetics and Information Technologies, Systems and Applications (CITSA)
- 16<sup>th</sup> International Symposium on Risk Management and Cyber-Informatics (RMCI 2011)
- 24-28 July 2011, 29<sup>th</sup> International Conference of The System Dynamics Society, Washington DC, USA (<http://systemdynamics.org/conferences/current/>)
- 27-31 July 2011, Annual Meeting of the Society for Values in Higher Education: Immigration and Identities - Academic Cultures in Transition, Elmhurst, Illinois (<http://www.svhe.org/content/2011-call-papers>)
- 5-7 August 2011, Third International Conference on Science in Society, Washington DC, USA (<http://science-society.com/conference-2011/>)
- 22-24 August 2011, Aberdeen Centre for Environmental Sustainability - Conservation Conflicts: Strategies for Coping with a Changing World, Aberdeen, Scotland (<http://www.aces-2011.org/>)
- 12-16 September 2011, ECCS (European Conference on Complex Systems) '11, Vienna, Austria (<http://eccs2011.eu/>)
- 7-8 October 2011, International Conference on Social Sciences, İzmir, Turkey (<http://www.icssconference.net/>)
- 2-5 November 2011, Annual Meeting of the Society for Social Studies of Science (4S), Cleveland, Ohio, USA (<http://www.4sonline.org/meeting>)
- 12-16 December 2011, International Congress on Modelling and Simulation: Understanding and Living with Uncertainty, Perth (<http://www.mssanz.org.au/modsim2011/>)

## ANU INTEGRATION NETWORK MEMBER PUBLICATIONS

**Bammer, G.; Smithson, M.** (2009). Let's not ignore unknowns. CEPS Focus on Research (ARC Centre of Excellence in Policing and Security Newsletter), July, 2-3. (<http://www.ceps.edu.au/files/CEPS%20Focus%20on%20Research%20-%20July%202009.pdf>)

Summary: Donald Rumsfeld, a former US Secretary of Defence, once said "We need people who think unconventionally about intelligence...the unknown unknowns. They're the things you don't know you don't know. And that is the problem. And what you need is to have people thinking about these things in a way that's fresh and different". This short article explores unknowns and the limits to evidence-based policy within a security and policing context. By scoping out some of the complexity presented by unknowns, the article makes the case for developing innovative concepts and methods to help researchers, decision makers and practitioners to act more effectively when operating under uncertainty and other unknowns.

**Gabriele Bammer** is a Professor at the National Centre for Epidemiology and Population Health.  
**Michael Smithson** is a Professor at the Department of Psychology.

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**Smithson, M.** (2010). When less is more in the recognition heuristic. *Judgment and Decision Making*, 5, 230-243.

The "less is more effect" (LIME) occurs when a recognition-dependent agent has a greater probability of choosing the better item than a more knowledgeable agent who recognizes more items. This paper

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provides mathematical results for understanding when the LIME can occur and elucidates implications of these results. The primary implication is that the advantage of the recognition cue depends not only on cue validities, but also on the order in which items are learned. This realization, in turn, suggests that research in this area should incorporate a more dynamic focus on learning and memory processes, and the effects of reputational information.

**Michael Smithson** is a Professor at the Department of Psychology.

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## JOURNAL PROFILE

### *Frontiers in Ecology and the Environment*

*Frontiers in Ecology and the Environment* is an interdisciplinary journal that deals with ecological and environmental issues broadly. Contents cover research of interdisciplinary appeal, news on people, policy and research globally, debates on current issues, law and the environment, and general ecological research articles. The journal also has a focus on the practical applications of ecological science. Most importantly for our interests it has occasional papers on interdisciplinary research concepts and methods.

\* Website: <http://www.esajournals.org/loi/fron>

\* Impact factor (2009): 6.922

\* Journal ranking: A (in the Australian Research Council (ARC) Excellence in Research for Australia (ERA) 2010 Ranked Journal List)

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## 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 [peter.deane@anu.edu.au](mailto:peter.deane@anu.edu.au).