

# ISSC 2008 Programme at a Glance

Track A : D'Arcy Thompson Theatre

Track B : Larmor Theatre

Session Chairs indicated

Wednesday 18<sup>th</sup> June

|             |   |   |                           |
|-------------|---|---|---------------------------|
| 08.00-09.00 | <b>Registration, Tea/Coffee</b>   |   |                           |
| 09.00-09.20 | <b>Welcome/Conference Opening</b> , Prof. Padraic O'Donoghue, Dean, College of Engineering and Informatics<br>Prof. Gearóid ó Laighin, Head of Department & Professor of Electronic Engineering, NUI Galway.<br>Fearghal Morgan (Conference Chair)  |   |                           |
| 09.20-10.00 | <b>PL-1: Plenary Session 1</b><br><b>Adaptivity and Reliability in Future Chips. Multi-Core and Reconfigurable Architectures in the Nano Era</b><br>Prof. Dr.-Ing. Jürgen Becker, Dept. of Electrical Engineering & Information Technology,<br>Institute for Information Processing - ITIV, (Karlsruhe Institute of Technology - KIT) <span style="float: right;"><i>Fearghal Morgan</i></span> |   |                           |
| 10.00-10.40 | <b>OS-1A: Cryptography</b> <span style="float: right;"><i>Noel Murphy</i></span>  | <b>OS-1B: Signals and Systems 1</b>       | <i>Chris Bleakley</i>     |
| 10.40-11.40 | <b>PS-1: Poster Session 1</b> , refreshments  |   | <i>Richard Conway</i>     |
| 11.40-12.40 | <b>OS-2A: Biomedical Signal Processing</b> <span style="float: right;"><i>Sean Mc Loone</i></span>  | <b>OS-2B: DSP and SoC Architectures 1</b> | <i>Jim Harkin</i>         |
| 12.40-13.40 | <b>Lunch</b> (An Bhialinn restaurant)   |   |                           |
| 13.40-15.00 | <b>OS-3: Invited Industry Session</b>   |   | <i>Martin Glavin</i>      |
| 15.00-16.00 | <b>PS-2: Poster Session 2</b> , refreshments  |   | <i>Stanislaw Piestrak</i> |
| 16.00-16.40 | <b>PL-2: Plenary Session 2</b> <b>Wave-based Control of Flexible Mechanical Systems</b><br>Dr William J O'Connor, UCD School of Electrical, Electronic and Mechanical Engineering <span style="float: right;"><i>Tom O'Mahony</i></span>  |   |                           |
| 16.40-17.20 | <b>OS-4A: DSP &amp; Communication Systems 1</b> <span style="float: right;"><i>Liam Kilmartin</i></span>  | <b>OS-4B: Control Systems</b>             | <i>Joe Connell</i>        |
| 17.30-18.30 | <b>ISSC Steering Committee Meeting</b> (Rm 202, Concourse)  |   |                           |
| 19.30-      | <b>Conference Banquet (Barbeque/Entertainment) (NUI Galway College Bar/Restaurant)</b>  |   |                           |
|             | 19.50 Dr James J. Browne, President / An tUachtarán, NUI Galway / Ollscoil na hÉireann, Gaillimh. ISSC 2008 Best Paper Awards<br>Sean Foley, Chairman MIDAS Ireland. 2008 MIDAS Ireland Research Publication Award in Microelectronic Design  |   |                           |

Thursday 19<sup>th</sup> June

|             |   |   |                          |
|-------------|---|---|--------------------------|
| 09.00-09.40 | <b>PL-3: Plenary Session 3</b> <b>Introduction to Nanoelectronics: Top-down vs Bottom-up</b><br>Dr. Aidan Quinn, Nanotechnology Group, Tyndall National Institute <span style="float: right;"><i>Gearóid O Laighin</i></span> |   |                          |
| 09.40-10.20 | <b>OS-5A: Wireless Communication Systems and Networks</b> <span style="float: right;"><i>Sean Foley</i></span>  | <b>OS-5B: Audio Signal Processing</b>     | <i>Edward Jones</i>      |
| 10.20-11.20 | <b>PS-3: Poster Session 3</b> , refreshments  |   | <i>Richard A. Guinee</i> |
| 11.20-12.20 | <b>OS-6A: DSP &amp; Communication Systems 2</b> <span style="float: right;"><i>Derry Fitzgerald</i></span>  | <b>OS-6B: DSP and SoC Architectures 2</b> | <i>Jiri Kadlec</i>       |
| 12.20-13.20 | <b>Lunch</b> (An Bhialinn restaurant)   |   |                          |
| 13.20-14.00 | <b>OS-7: Signals and Systems 2</b>  |   | <i>Eugene Coyle</i>      |
| 14.00-      | <b>ISSC 2008 Conference Close</b> <span style="float: right;"><i>MIDAS Ireland Meeting follows at 14.30 in Rm 202, Concourse</i></span>   |   |                          |