Global health infrastructure – challenges for the next decade
Delivering innovation, demonstrating the benefits
Welcome
On behalf of the Health and Care Infrastructure Research and Innovation Centre (HaCIRIC), we would like to welcome you to our International Conference 2011 ‘Global health infrastructure - challenges for the next decade. Delivering innovation, demonstrating the benefits’. This event brings together researchers and practitioners from across disciplines and countries to focus on key challenges in the provision of healthcare infrastructure for the 21st century.

It has been estimated that $3.6 trillion may be spent on global healthcare infrastructure between 2010 and 2020. The rapidly developing nations are expected to see especially strong growth as they invest in their health systems. Across the world, governments will seek to manage this huge expenditure to both attain efficiency and strengthen the market for private investment.

But planning and delivering high value infrastructure and scaling-up from innovative pilot projects to mainstream adoption are significant challenges, especially given the pace of change in medical practices and healthcare models, rapid development of technology and the current global landscape of economic uncertainty and instability.

We look forward to your participation in HaCIRIC’s International Conference 2011.

Not to be missed
- **Keynote address:** ‘Service renewal as a catalyst for services change’
  Dr Mike Burrows, Chief Executive of Salford PCT

- **Keynote address:** ‘Driving adoption of technology in the NHS’
  Sally Chisholm, CEO, NHS Technology Adoption Centre

- Visit to local healthcare facilities

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Programme

### 26th September

#### PhD workshop

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<th>Time</th>
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<tr>
<td>12.00</td>
<td>Registration and coffee</td>
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<td>12.30</td>
<td>Coffee</td>
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<td>13.00</td>
<td>A case study of changes in healthcare service utilisation following the introduction of a complex technological innovation. Tiago Cesar Oliveira, Imperial College London.</td>
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<td>13.15</td>
<td>Future scenarios in emergency care workshop HOT + WARM + COLD</td>
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<td>13.30</td>
<td>Real estate added value and decision making in hospital infrastructure. Johan van der Zwart, Delft University of Technology.</td>
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<td>Feedback and Summary</td>
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<td>Welcome Reception, Lowry Hotel</td>
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<td>16.00</td>
<td>Lunch</td>
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<td>16.15</td>
<td>A lean way of design and production for healthcare construction projects. Sjoerd Kemmers, University of Salford.</td>
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### 27th September

#### Session 1 - Chaired by Prof. Colin Gray

- Planning for major service and infrastructure transitions: An international comparative study of UK, US and Canadian hospitals. Dr Danielle Tucker, Imperial College London.
- Consensual politics in healthcare: the national eHealth project of Slovenia. Kyriakos Rattas, Imperial College London.
- Exploring the concept and reality of evidence-based implementation. Dr Julia Reed, HIEH CLINIC for Northwest London, Imperial College, Chelsea and Westminster Hospital NHS Foundation Trust.

#### Session 2 - Chaired by Dr Chris Harty

- Disruptive innovation in stroke diagnosis in remote locations: field-based ultrason. Henry Feldman, M.D. Harvard Medical School, Dr Estes Jacobson, Imperial College Business School.
- What are the potential broader implications and value from the use of electronic health records? Georgios Ntopyroglou, Brunel University.
- Business strategy formation in an integrated area and healthcare delivery project. Hendrik Ozerne, University of Twente.

#### Session 3 - Chaired by Prof. James Barlow

- Flexible and adaptable hospitals – Australian case studies. Assistant Prof. Jane Carthey, University of New South Wales.
- A lean way of design and production for healthcare construction projects. Sjoerd Kemmers, University of Salford.
- Evidence-based design at a time of austerity: do building standards and tools reflect the reality of designing for dementia, the elderly, children and refurbishment or reconfiguration? Dr Michael Pui, University of Sheffield.

#### Session 4 - Chaired by Prof. Mike Kagioglou

- Developing accurate costing systems. Dr Anja Kern, Imperial College London.
- Helping decision makers navigate the evidence around health financing. Dr Christina Papel, University College London.
- The benefits quantification method: a practical approach to comparing stakeholders in the judgement of benefit realisation. Dr Derek Thomson, Loughborough University.

#### Session 5 - Chaired by Prof. Mike Kagioglou

- Integrated decision support: a new approach to the design of hospital facilities to optimise low carbon performance. Matthew Bacon, Eleven Informatics LLP.
- Modelling innovative diagnostic tools for tuberculosis in developing countries to facilitate effective and uptake. Ivan Langley, The University of Liverpool.

#### Session 6 - Chaired by Prof. Andrew Price

- The materialization of simulation: a boundary object in the making. Dr Maria Kapoul, Imperial College London.
- Overview of Building Information Modelling in healthcare projects. Ergo Pikas, Technion - Israel Institute of Technology.

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