School of Computing and Communications
Lancaster University
Prof Geoff Coulson (Head of School)
Key Facts

• Overview
  – A research-led school with a strong international reputation
  – Expertise in computing and communication systems
  – Strong practical focus with excellent links to industry
  – Over £12.5m currently held in research grants
  – A world-class centre of excellence for ICT KE

• Current size
  – ~40 academic staff
  – ~400 undergraduates
  – ~100 PhD students
  – ~65 research associates
  – ~25 dedicated KE staff
Undergraduate

• High-quality undergraduate provision
  – Communications and Electronics
  – Computer Systems Engineering
  – Computer Science
  – Computer Science Innovation
  – Software Engineering
  – IT for the Creative Industries
• Available as 3 year BSc, or 4 year MSci with industrial experience
• Options to study abroad with international partners
Postgraduate

• Similarly, a wide range of PGT offerings
  – Mobile Broadband Communications
  – DSP & Intelligent Systems
  – Advanced Computer Science
  – Networking and Internet Systems
  – Human Computer Interaction
  – Social Networking Technologies
  – Multimedia Production and Distribution
  – Cyber Security
Research

• Approach
  • Creating the systems of the future and training the inventors, designers and developers of these systems

• Established themes
  – Communications & Networking
  – Computer Systems
  – Intelligent Systems
  – Software Engineering
  – Human-Computer Interaction (HCI)

• Emerging themes
  – Interdisciplinary research on social computing
  – Cyber forensics/cyber security
Research Success

• Research in computing ranked 10= in the UK’s 2008 Research Assessment Exercise (RAE)
  – 100% of research categorised as “international quality”
  – and 80% of research awarded the top grades of “international excellence” (3*) and “world-leading” (4*)

• Currently over 50 funded research projects
Delivering Impact: NW Centre of Excellence in ICT

- The School’s Knowledge Business Centre
  - Technology exploitation
  - Incubation and office space for high-tech spin-outs and start-ups (33)
  - Associate companies (530)
  - Student placements
  - Graduate academy
- 12 PhD studentships
- Helped create ~600 jobs
- Ranked 3rd in the UK for contracts with SMEs
Questions?