

Welcome to the Workshop on the Future Energy in ICT Research Agenda

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EACO @ Bristol

The Energy-Aware COmputing Initiative, Research Agenda and Workshops

<http://www.cs.bris.ac.uk/Research/Micro/eaco.jsp>

Purpose of the EACO Initiative

“To bring together researchers and engineers with interests in energy-aware computing for discussions to identify **Intellectual Challenges** that can be developed into collaborative research projects.

We strive to go significantly beyond the state of the art.”

[IAS funding application Jan 2010]

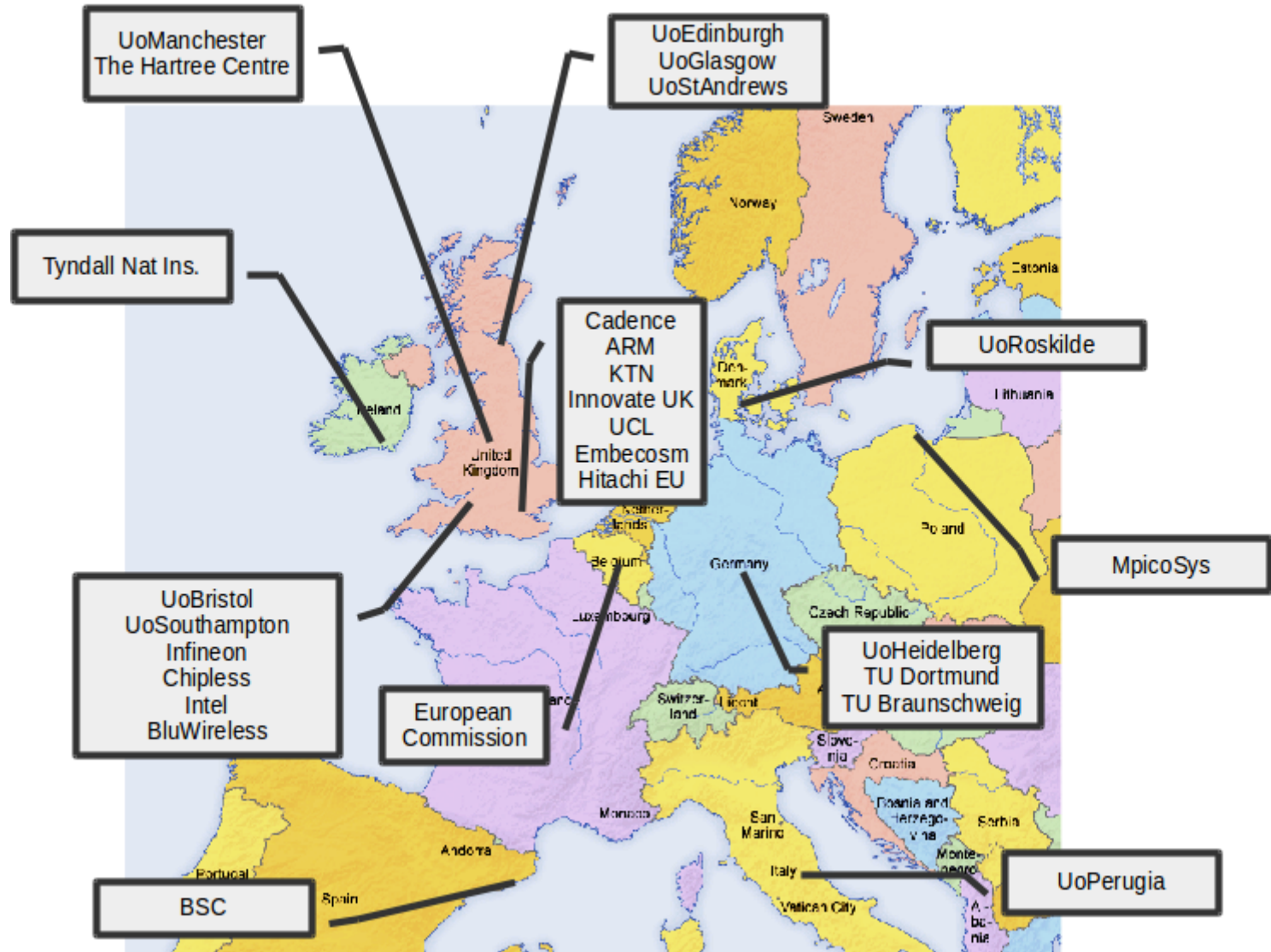


Purpose of this workshop

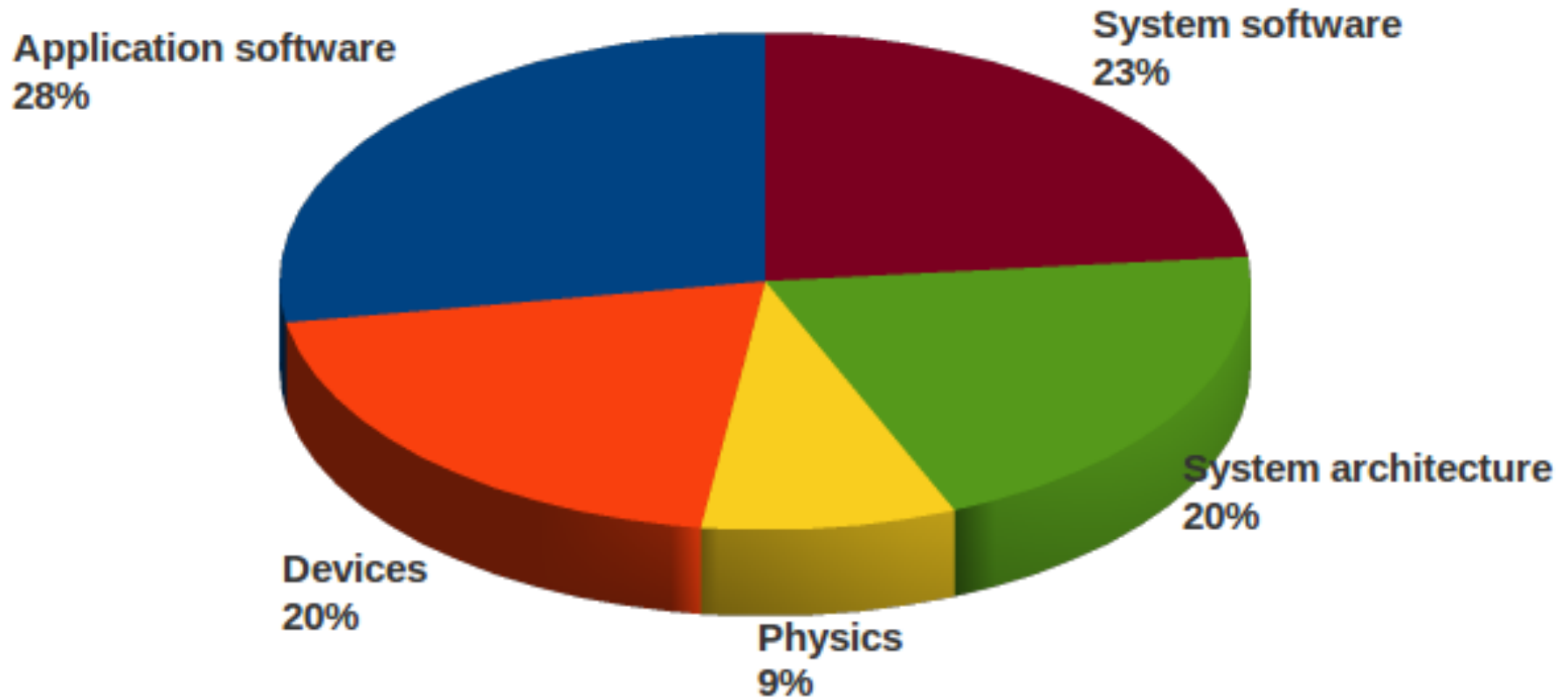
“To bring together researchers and engineers with interests in the energy consumption of ICT for discussions to identify **Intellectual Challenges** that can be developed into collaborative research projects.



Who is participating?



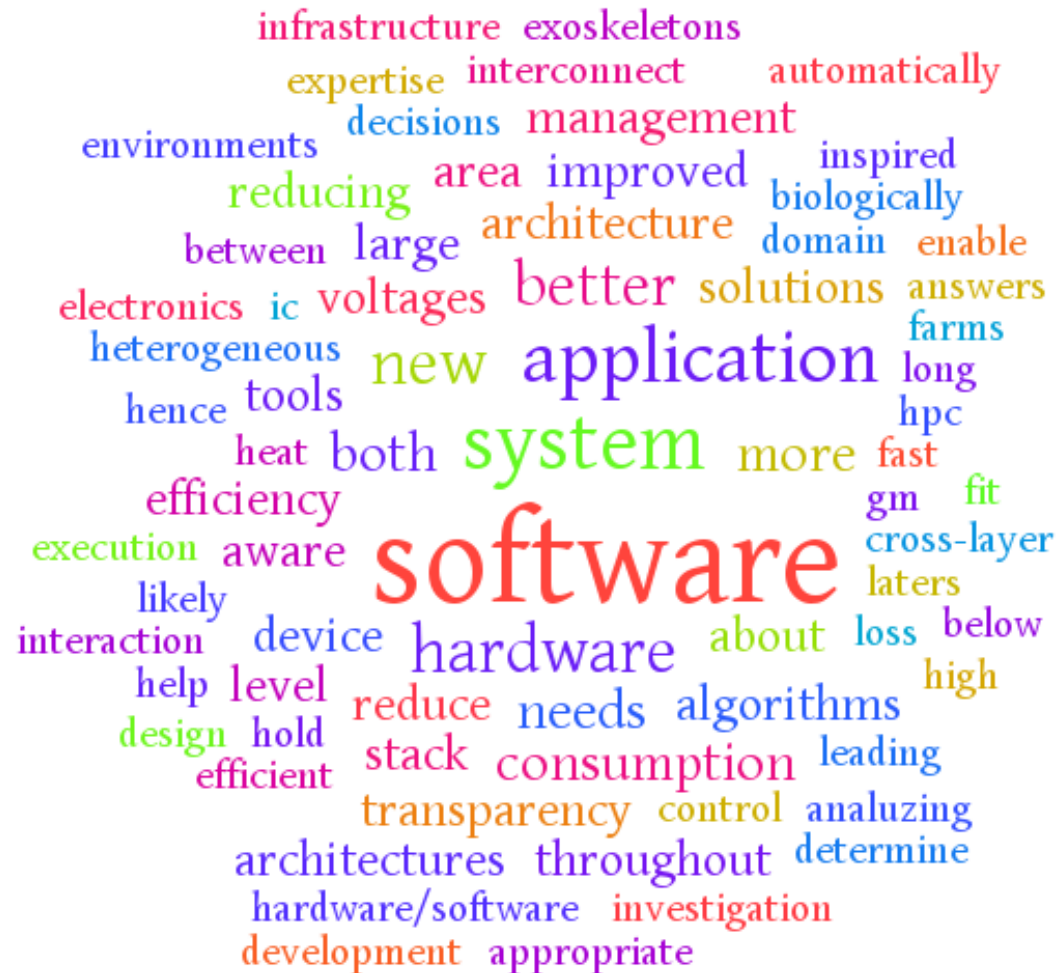
What areas of the technology stack are we associated with?



What is the most promising area for significantly reducing the energy consumption of computing?



What is the biggest challenge in reducing the energy consumption of computing?



Agenda

0830: Arrivals and registration

0900: Welcome - Kerstin Eder and Luca Gammaitoni

0930: John Goodacre, ARM

1000: Jens Struckmeier, Cloud & Heat

Coffee break and networking

1045: Steve Beeby, University of Southampton

1115: Discussion

1215: Lunch and networking

1315: Andrea Feltrin, European Commission

1345: Iain Thayne, University of Glasgow

1415: Boris Grot, University of Edinburgh

Coffee break and networking

1500: Break out session in Working Groups

~1545: Presentation from Working Groups and Discussion

1630: Concluding remarks

1700: Departure

Discussion Groups

- John Gallagher
- Kevin Hammond
- Vincent Heuveline
- Mladen Berekovic
- Iain Thayne
- Boris Grot

Next steps

- **Research Agenda** preparation and feedback
 - Douglas.Paul@glasgow.ac.uk
- **ICT** in Lisbon, 20-22 October, Lisbon
- ICT Energy **Workshop at HiPEAC** 2016
 - 20 Jan 2016 in Prague
- ICT Energy **Science Conference** in Summer 2016



Thank you



www.ict-energy.eu

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