

Coimbra 2010



COST Action IC0804

on Energy Efficiency in Large Scale Distributed Systems

Monday, 8th, November 2010

14h-14h30: Working Group 1: Chaired by Georges Da Costa and Davide Careglio

- Discussion about the next steps: How to make the brochure live?
- Future of the WG1, invited talks?

14h30-16h: Working Group 2: Chaired by Karin A. Hummel and Alberto E. Garcià - Part 1

- WG2 General presentation
- Georges Da Costa, Toulouse, France: Modelling of energy consumption of applications
- Marc Gilg, Colmar, France: Sensor Networks: A gray scale image point of view
- Ward Van Heddeghem, Ghent, Belgium: Global distributed computing for footprint reduction
- Karin A Hummel, Vienna, Austria: Considerations about green wireless FG
- Athena Vakali, Tesseloniki, Greece: Exploring the energy consumption of Content Delivery Networks, towards new policies

16h-16h30: Coffee Break

16h30-17h45: Working Group 2: Chaired by Karin A. Hummel and Alberto E. Garcià - Part 2

- New collaborations Brainstorming (1 hour)
- WG2 next steps (15 min)

17h45-18h45: Working Group 5: Chaired by Athena Vakali

- leaflet construction and delivery: suggestions and discussion (10 min)
- identification of pertinent use cases : discussion all (30 min)
- disseminations tasks : calls for papers/projects, LinkedIn etc (20 min)

20h: Dinner



Tuesday, 9th, November 2010

8h30-10h30. WG3/4 : FG Wireless Networks: Chaired by Karin Hummel

- Carmela Comito, Pisa, Italy: An energy model for mobile data mining
- Rastin Pries, Würzburg, Germany: Radio network planning enhanced by energy efficiency concerns
- Torsten Braun, Bern, Switzerland: On energy saving in sensor networks and solar powered mesh networks
- Karin A. Hummel, Vienna, Austria: A survey of energy saving methods in wireless mesh network
- Gottfried Punz, NEC Labs: Status of energy saving efforts in 3GPP's mobile network standardization
- L-F Pau, Copenhagen, Denmark. Optimizing a public 3G/LTE Wireless Network and associated Services for Minimum Energy Consumption or Emissions

10h30-11h : Coffee Break

11h-12h30. Working Group 4 : Chaired by Rastin Pries / Tuan Anh Trinh

- Rastin Pries / Tuan Anh Trinh, Discussion on the scope of the WG.
- Damien Borgetto, Toulouse, France: Energy-aware service allocation
- Ariel Oleksiak, Poznan, Poland: Modeling energy-performance trade-offs using DFVS
- Markus Fiedler. Karlskrona, Sweden. QoE Provisioning-Delivery Hysteresis and its Application to Energy Efficiency

12h30-14h: Lunch Time

14h-14h30. Training School in Brasov/Romania : Update and call for trainers/trainees

14h30-16h15: FG Wired Networks: Chaired by Chris Phillips, Lars Dittmann and Laurent Lefèvre.

- Chris Phillips, London, UK: Threshold-Based Energy Management for Wired Communication Networks
- Anne-Cecile Orgerie, Lyon, France: Energy-Efficient Bandwidth Reservation for Bulk Data Transfers in Dedicated Wired Networks
- Eugen Feller, Rennes, France: Snooze: A Scalable, Fault-Tolerant and Distributed Consolidation Manager for Large-Scale Clusters
- Sebastien Rumley, Lausanne, Switzerland: Energy Efficient Design of Translucent WDM Networks using Constraint Programming
- Saif Ul-Islam: Toulouse, France: CDN and Energy efficiency

16h15-16h45 : Coffee Break

16h45-18h45: Working Group 3 : Chaired by Laurent Lefèvre and Hermann deMeer

- Damla Kilicarslan (Turkey): Energy Efficient Video Decoding in Multicore Systems
- Gergo Lovasz (Univ. Passau, Germany): Energy-Efficient Mapping from Virtual onto Physical Resources
- Michele Mazzucco (University of Tartu, Estonia): On Allocation Policies for Power and Performances.
- Josep Ll. Berral (BSC, Spain): Intelligent Power-aware Self-Management in Cloud systems using Machine Learning
- Ivona Brandic (Austria): Simulating Autonomic SLA Enactment in Clouds using Case Based Reasoning
- Jean-Marc Menaud (Nantes, France): Entropy