

| Wednesday 2nd | | | | Commentator |
|-------------------------------------|-------------------------|--|--|---|
| 13:00 Welcome | | | | |
| 13:15 | Sara Ben Amer | DTU Manag. Eng. | Energy planning: a comparison of modelling tools | Juha Kiviluoma juha.kiviluoma@vtt.fi |
| 13:40 | Ioannis Konstantelos | Imperial | Robust operation and planning of energy systems under uncertainty | Christos Ordoudis chrord@elektro.dtu.dk |
| 14:05 | Andrew Smallbone | Uni. Newcastle | Energy to sustainable fuels and transport (SP1 Task 1.2) | Sara Ben Amer sbea@dtu.dk |
| 14:30 Coffee | | | | |
| 14:45 | Arvydas Galinis | Lithuanian Energy Institute | Modelling of energy sector in Lithuania | Jalal Kazempour seykaz@elektro.dtu.dk |
| 15:10 | Olav Fosso | NTNU | Methods and processes for hydro-thermal scheduling | Knut Kappenberg knut.kappenberg@efzn.de |
| 15:35 | Eduardo Martinez-Cesena | Uni. Manchester | Multi-Vector District Energy System Management: Modelling Aspects and Challenges | Thibaut P. Richert thiri@elektro.dtu.dk |
| 16:00 | Jalal Kazempour | DTU Elektro | Equilibrium modeling and optimization under uncertainty in markets: value of flexible resources, virtual bidding and self-scheduling | David Connolly david@plan.aau.dk |
| 16:25 | Paolo Conti | Uni. Pisa | Modelling and optimal integration of energy systems in buildings | Topi Rasku topi.rasku@vtt.fi |
| 16:50 | David Connolly | Aalborg University | Heat roadmap Europe | Fabian Gotzens f.gotzens@fz-juelich.de |
| 17:10 End of day 1 | | | | |
| 18:00 Dinner | | | | |
| Thursday 3rd | | | | |
| 8:30 Startup | | | | |
| 8:35 | Marko Aunedi | Imperial | Coordination between local and national energy level objectives | Arvydas Galinis Arvydas.Galinis@lei.lt |
| 9:00 | Fabian Gotzens | Institute of Energy and Climate Research | Setting up a long-term European electricity system model incorporating climate change effects | Marko Aunedi m.aunedi@imperial.ac.uk |
| 9:25 | Knut Kappenberg | EFZN | Scenarios for the energy supply in 2050 in the Federal State of Lower Saxony | Andrew Smallbone Andrew.Smallbone@newcastle.ac.uk |
| 9:50 Coffee | | | | |
| 10:10 ESI SP1 Descr. of work update | | | | |
| 11:10 ESI SP1 Green paper session | | | | |
| 12:00 Lunch | | | | |
| 13:00 | Christos Ordoudis | DTU | An integrated market for electricity and natural gas systems with stochastic producers | Gareth Harrison gareth.harrison@ed.ac.uk |
| 13:25 | Juha Kiviluoma | VTT | A generalised energy system model | E. Martinez-Cesena eduardo.martinezcesena@manchester.ac.uk |



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| 13:50 | Per Nørgård | DTU Elektro | Aggregation in time and space hides critical constraints | Erik Delarue | erik.delarue@kuleuven.be |
| 14:15 | Coffee | | | | |
| 14:35 | Henrik Madsen | DTU | Methodologies for Operating Future Intelligent and Integrated Energy Systems | I. Konstantelos | i.konstantelos@imperial.ac.uk |
| 15:00 | Erik Delarue | KU Leuven | Integrated electricity system – building (heating) modeling, active demand response | Paolo Conti | paolo.conti@for.unipi.it |
| 15:25 | Gareth Harrison | Uni. Edinburgh | Integrating electricity and gas systems | Per Nørgård | pern@elektro.dtu.dk |
| 15:50 | ESI SP1 & 2 Co-op. and DoW | | | | |
| 17:00 | End of day 2 | | | | |
| 18:00 | Dinner | | | | |
| Friday 4th | | | | | |
| 8:30 | Startup | | | | |
| 8:40 | Gregor Giebel | DTU | IEA Wind Task 36 Forecasting for Wind Power | A. Klementavicius | Arturas.Klementavicius@lei.lt |
| 9:05 | Emanuele Crisostomi | Uni. Pisa | Forecasting and control in power systems | Gregor Giebel | grgi@dtu.dk |
| 9:30 | Angreine Kewo | DTU | Factors influencing electricity demand:a case of Jakarta, Indonesia | Salvador Acha | salvador.acha@imperial.ac.uk |
| 9:55 | Coffee | | | | |
| 10:20 | Hongwei Li | DTU | Building thermal storage for district heating load management | D. Papadaskalopoulos | d.papadaskalopoulos08@imperial.ac.uk |
| 10:55 | Simon Tindemans | Imperial | Aggregation and control of smart refrigerators: semi-autonomous control of heterogeneous appliances | Laurynas Siksnyš | siksnyš@cs.aau.dk |
| 11:20 | Laurynas Siksnyš | Aalborg University | FlexOffer aggregation and offer handling | Angreine Kewo | ankewo@dtu.dk |
| 11:45 | D. Papadaskalopoulos | Imperial | Market driven energy system operation and development, agent based modelling | Hongwei Li | hong@byg.dtu.dk |
| 12:10 | Lunch | | | | |
| 13:10 | A. Klementavicius | Lithuanian Energy Institute | Laboratory of System control and automation | Simon Tindemans | s.tindemans@imperial.ac.uk |
| 13:35 | Salvador Acha | Imperial | Electricity price modelling for commercial sector in the UK | E. Crisostomi | emanuele.crisostomi@gmail.com |
| 14:00 | Vianney Courdent | DTU Environment & Krüger A/S | Energy optimization in waste water systems - A weather and flow forecast challenge | | |
| 14:25 | Coffee | | | | |
| 14:40 | ESI SP2 Descr. of work update | | | | |
| 15:00 | ESI SP2 Green paper session | | | | |
| 16:00 | End of workshop | | | | |

