

Energy & Society Conference

March 22 - 24, 2012, Institute of Social Sciences (ICS-UL), Lisbon, Portugal

Detailed program

Thursday, 22th March

14:30 – 15:00 – Welcome and introduction (Auditório)

Jorge Vala, director of ICS-UL

Luísa Schmidt, ICS-UL

Introduction of the keynote speaker: **Françoise Bartiaux**, UCL

15:00 – 16:30 - Keynote presentation: Harold Wilhite, Univ. Oslo: “The space accorded to the social science of energy consumption is (finally) expanding: Where can we draw inspiration?”

16:30 – 17:00 - Coffee break

17:00 – 18:30 - Parallel thematic sessions

Thematic session 1 (Auditório)

| Energy consumption practices | | Chair: Luísa Schmidt, ICS-UL |
|--|--|------------------------------|
| Bartiaux, Françoise & Reátegui Salmón, Luis | Compartmentalisation or domino effects between ‘green’ consumers’ practices? Some topics of practice theories observed with an Internet survey | |
| Butler, Catherine | Climate Change, Social Change and Social Reproduction: Exploring energy demand reduction through a biographical lens | |
| Berker, Thomas | Kicking the habit. Identifying crucial themes of a sociology of energy sensibilities | |
| Fonseca, Susana & Nave, Joaquim Gil | From structural factors to individual practices: reasoning on the main paths for action on energy efficiency | |
| Petersen, Lars Kjerulf | Autonomy and proximity in household heating practices – the case of wood burning stoves | |
| Roudil, Nadine, Flamand, Amélie, Beillán, Véronique & Douzou, Sylvie | Energy housing consumption. Practices, rationalities and motivations of inhabitants | |
| Huebner, Gesche, Cooper, Justine & Jones, Keith | Understanding energy consumption in domestic households | |

Thematic session 2 (Sala polivalente)

| Energy policies and sustainability | | Chair: Júlia Seixas, FCT-UNL |
|------------------------------------|--|------------------------------|
| Boucher, Philip | Carbon Capture and Storage: Mapping Ethical Landscapes | |
| Fuchs, Gerhard | Governance of new Technologies in the Energy Sector: Between Adaptation and Exploitation – The Role of State Actors | |
| Klimek, Alexandra | Who or what is the general public? Public Engagement in Post Carbon Strategies | |
| Davidson, Debra | The Athabasca Tar Sands At the Precipice: The Influential Role of Non-Conventional Fossil Fuel Production in Morphogenesis | |
| McCauley, Darren | When Energy Demands? Sustainable Governance, Disengagement and Waste-to-Energy in France | |
| Primova, Radostina | The role of civil society participation in EU energy policy-making. Lessons for the elaboration of EU energy policies | |

Friday, 23th March

9:00 – 10:45: Parallel thematic sessions

Thematic session 3 (Sala polivalente)

| Public acceptability | | Chair: Lars Kjerulf Petersen, AU |
|--|---|----------------------------------|
| Busch, Henner, Carton, Wim & Dean, Rhianna | From Support to Resistance – The Australian Carbon Tax and its media coverage | |
| Delicado, Ana, Horta, Ana, Figueiredo, Elisabete, Silva, Luís, Truninger, Mónica & Fonseca, Susana | Public opinion on renewable energy: a review of trends | |
| Devine-Wright, Patrick | Understanding factors influencing public objections to overhead power lines: comparing personal, project and place-related factors | |
| Wassermann, Sandra, Scheer, D., Hohlt, A., Konrad, W. & Scheel, O. | Perception, evaluation and preferences: public acceptance of electricity portfolios and technologies | |
| Ariza-Montobbio, Pere | Jousting around windmills? The wind energy conflict as a post-political illusion | |
| Hanson, Joanna | Shale gas and social conflict in Poland | |
| Luque, Daniel Herrero, Frolova, M., Pérez, B. P & Rodriguez, E. B. | The development of wind power and emerging landscapes in Central and Southern Spain (Castilla and Leon Autonomous Region and Andalusia Autonomous Region) | |

Thematic session 4 (Sala 1)

| Energy poverty, justice and development | | Chair: Cigdem Adem, PAITME |
|--|--|----------------------------|
| Schaffrin, André | Living Green but Poor? - Investigating the Conflict Between Social Justice and the Effectiveness in Climate Mitigation | |
| Ariza-Montobbio, Pere & Ramos-Matin, Jesus | Energy poverty and households electricity metabolism of Catalonia, Spain | |
| Njenga, Mary, Yonemitsu, Aya, Karanja, Nancy, Jamnadass, R., Kithinji, J. & Sundberg, C. | Briquettes production from charcoal dust and its contribution to livelihoods of the urban poor in Nairobi, Kenya | |
| Thomson, Harriet | Quantifying the emergence of fuel poverty across the European Union | |
| Lubanov, Carmit | Energy Justice in Israel: CO2 as a multiplier of socio-economic inequality | |
| Nunes, Ana Raquel | Social dimensions of present and future heatwave and cold spell risks in Portugal | |

Thematic session 5 (Sala 2)

| Energy cultures | | Chair: Catherine Butler, CU |
|--|---|-----------------------------|
| Gansmo, Helen Jøsok | Energy culture in the comfort society | |
| Horta, Ana | Unfair fuel prices: television news coverage of the energy crisis | |
| McBride, Dean | Ethno-Religious Segregation and Energy Cultures in Post Conflict Northern Ireland: A Cross-Community Comparison | |
| Simas, Rosa Neves; Tomás, Licínio; Serpa, Magarida Damião; Gomes, Carlos João & Arroz, Ana Moura | The GenARE Project: Generations of Azoreans and Renewable Energy | |
| Richert, Jörn | A look at global energy politics - Transforming global energy culture instead of scramble for resources | |
| Prista, Pedro & Schmidt, Luisa | Energy cultures and inconspicuous routines - understanding change and lock-in in the Portuguese urban context | |
| Vlasova, Lioudmila | Towards sustainable renovation: translating ideas about sustainability into the practice | |

10:45 – 11:00 – Coffee break

11:00 – 12:45 – Parallel thematic sessions

Thematic session 6 (Sala polivalente)

| Technologies and social change | | Chair: André Schaffrin, UC |
|--|---|----------------------------|
| Osti, Giorgio | Virtuous and vicious circles in the green restructuring of buildings | |
| Abreu, Joana & Francisco Câmara | Habitual behavior in residential electricity consumption | |
| Batel, Susana, Moreira, Sérgio & Lima, Maria Luísa | Understanding the acceptance and use of smart meters: A socio-psychological approach | |
| Carlo, Maria & Ahamada, Nadjma | When efficiency improvement make residential energy demand grow | |
| Harries, Tim | Smart meters, social norms feedback and domestic electricity consumption | |
| Matzat, Johanna Sophie | How technical artefacts script energy-consuming practices | |
| Minoustchin, Maud & Zoonnekindt, Kathleen | Show it and be reflexive! Rethinking the link between Energy and Society through smart metering and feedback technologies | |

Thematic session 7 (Sala 1)

| Energy demand, market and innovation | | Chair: Pia Laborgne, IWAR & EIFER |
|--------------------------------------|--|-----------------------------------|
| DiMuzio, Tim | The End of Market Civilization: The Next Great Transformation | |
| Lemaire, Xavier | Technological Identity, Public Engagement and Market Mechanisms to promote Renewable Electricity | |
| Wassermann, Sandra | Market formation through market integration of renewables: analysis of actors and institutions in the context of transformation of the German electricity market | |
| Ryghaug, Marianne | Changing practices in transportation: a new era for the electrical car? | |
| Gouveia, João Pedro | Forecasting energy for residential buildings: contributions from a bottom-up methodology of energy services demand | |
| Yang, Yingkui | Predicting households' adoption of green electricity: a comparison of the theory of reasoned action and the theory of planned behavior | |

Thematic session 8 (Sala 2)

| Renewable energy policies | | Chair: António Sá da Costa, APREN |
|---|---|-----------------------------------|
| Gross, Mathias | Geothermal Energy Systems: Towards a Sociology of the Subterranean | |
| Mirsaeedi-Farahani, Shabnam | The Institutionalization of Renewable Energy Sources in Electricity Generation in a Country Dominated by Fossil Fuels: The Case of Iran | |
| Müller, Kathrin | Transition towards renewable energy on the regional level – the case of two German regions | |
| Nadaï, Alain & Labussière, Olivier | Moving Offshore, Recomposing the Sea: Wind Power in Veulettes-sur-mer (France) | |
| Nascimento, Susana e Pólvora, Alexandre | Choosing paths for co-production and co-management in renewable energy | |
| Stattman, Sarah | Social dimensions of the Brazilian biodiesel policy: a farmer perspective | |
| Lehtonen, Markku | Power, social impacts, and certification of ethanol fuel: A view from the Northeast of Brazil | |

12:45 – 14:30 – Lunch & poster session**14:30 – 16:15 – Parallel thematic sessions****Thematic session 9 (Auditório)**

| Energy transition and governance | |
|---|---|
| Chair: Olivia Bina, ICS-UL | |
| Laborgne, Pia | Transformation of Urban Energy Infrastructure – The Role of local Niche Development |
| Pfaff, Lisa-Britt & Newig, Jens | Towards an Actor-Centered Approach in Energy Transition and Regional Governance |
| Mautz, Rüdiger | Civil society initiatives in the field of energy production – a new model of power generation |
| Beaulieu, J. Anne | 'Energysense' as research, infrastructure and outreach for sustainable energy systems |
| Wächter, Petra | The spatial organisation of energy use: the case of Austria |
| Schreuer, Anna | The contribution of collective citizen action to energy system transitions: Case studies from Austria |
| Wiersma, Bouke & Devine-Wright, Patrick | Tracing the co-evolution of decentralised urban energy initiatives |

Thematic session 10 (Sala 1)

| Behaviour change | |
|---|--|
| Chair: Françoise Bartiaux, UCL | |
| Schmidt, Luisa, Correia, Augusta, Horta, Ana, Fonseca, Susana, Rebelo, Margarida & Menezes, Marluci | Gaps and paradoxes regarding energy consumption and conservation: results of a case study in Lisbon |
| Brunner, Karl-Michael | Social science perspectives on energy consumption in households with special emphasis on fuel poverty and young adults as energy counsellors |
| Lagesen, Vivian Anette | Transition actors and transition strategies with respect to energy use |
| Quiggin, Daniel | Energy Futures, Can We Rely On Smart People? |
| Huber, Andreas, Girard, Sebastien & Thomas, Yoann | For a better goodness of fit between sustainability policies and people: using the French SinusMilieux® segmentation for the design of intelligent intervention strategies |
| Arrobio, Osman | Folk evaluation of energy efficiency measures. How rebound effect concept fits into daily practices |
| Brisepierre, Gaëtan & Carlo, Marie | Do French households really choose their heating temperature? Questioning the French regulatory framework for heating temperature |

16:15 – 16:45 – Coffee break

16:45 – 18:30 - Plenary debate on the development of the role of social sciences in energy policy (Auditório)

Keynote speaker: **John Randell**, American Academy of Arts and Sciences

Chair: **Filipe Duarte Santos**, vice-chair of Energy's WG EEAC (European Environmental Advisory Council)

20:00 – Optional conference dinner

Saturday, 24th March

9:00 – 10:45 – Parallel thematic sessions

Thematic session 11 (Sala polivalente)

| Sustainable energy systems and local communities | | Chair: Ana Horta, ICS-UL |
|---|--|--------------------------|
| Carrosio, Giovanni | Bounding biofuels: the local alternatives to the global biofuel complex | |
| Adem, Cigdem | An Analysis of Conflicting Discourses over Water Governance in Eastern Black Sea Region in Turkey | |
| Dansero, Egidio & Puttilli, Matteo | Evaluating local Renewables potentials. A territorial perspective | |
| Dobigny, Laure | Social meanings of energetic choices. A case study of self-generated renewable energy by local communities in Germany, Austria and France | |
| Huttunen, Suvi | Multifunctional wood energy production in rural Finland | |
| Kress, Michael | Attitudes and behaviour patterns concerning renewable energies of citizens in communities with the goal of renewable energy self-sufficiency | |
| Magnani, Natalia | Renewable energy and rural conflicts: ecological modernization vs. sustainable development | |

Thematic session 12 (Sala 1)

| Material structures and social impacts | | Chair: Giorgio Osti, UST |
|--|--|--------------------------|
| Menna, Fabio, Vittuari, Matteo & Segrè, Andrea | Energy use in Italian food system: comparative analysis of different case studies | |
| Salvati, Alessandro | Modelling residential energy consumption under green scenarios: the case of Veneto Region (Italy) | |
| Shipworth, Michelle | Use and usability of central heating controls | |
| Straeten, Jonas van der | Beyond the grid – the concept of microenergy systems and its implications for policy | |
| Ribeiro, Barbara Esteves | A systematic review of social aspects of biofuels: developing a social matrix for impact assessment of ethanol | |
| Silvast, Antti | Lay People, Experts and Electricity Blackouts: Everyday Habits as Risk Response | |

10:45 – 11:00 – Coffee break

11:00 – 12:30 - Energy & Society Network general meeting (Sala polivalente)

Chair: **Matthias Gross**, ESHCER-UFZ

12:30 – 13:00 – Sum up of the conference (Sala polivalente)

Speaker: **Tim O’Riordan**, UEA

| Poster session (lunch room, 5 th floor) | | Friday, 23 rd March, 12:45 – 14:30 |
|---|---|---|
| Correia, Augusta | What is normal in energy efficiency behavior? | |
| Sarrica, Mauro & Cottone, Paolo | The project ACCESI: Socio-constructivist analysis of the Italian sustainable energy communities | |
| Dow, Matt | Peak oil, global food crisis and social reproduction | |
| Harmes, Adam | The Limits of Carbon Disclosure: Theorizing the Business Case for Investor | |
| Rebelo, Margarida, Menezes, Marluci, Caeiro, Tiago, Schmidt, Luísa, Horta, Ana, Correia, Augusta, Fonseca, Susana | Disclosing Practices: students’ attitudes, values and behaviors of energy use. | |
| Labussière, Olivier & Nadaï, Alain | Climate energy policy: a state of recent experiences at the local level (France) | |

Organising Committee

Luísa Schmidt, Universidade de Lisboa - Instituto de Ciências Sociais (Portugal)
Ana Horta, Universidade de Lisboa - Instituto de Ciências Sociais (Portugal)
Françoise Bartiaux, Université Catholique de Louvain (Belgium)
Pia Laborgne, IWAR/TU Darmstadt and European Institute for Energy Research (Germany)
Giorgio Osti, Università degli Studi di Trieste - Dipartimento di Scienze Politiche e Sociali (Italy)
Catherine Butler, Cardiff University - School of Psychology (UK)
Cigdem Adem, The Public Administration Institute for Turkey and the Middle East (Turkey)
André Schaffrin, University of Cologne (Germany)

Local organizing committee

Luísa Schmidt, Universidade de Lisboa - Instituto de Ciências Sociais (Portugal)
Ana Horta, Universidade de Lisboa - Instituto de Ciências Sociais (Portugal)
Augusta Correia, Universidade de Lisboa - Instituto de Ciências Sociais (Portugal)
Joana Abreu, Universidade Técnica de Lisboa – Instituto Superior Técnico (Portugal)

Venue

Instituto de Ciências Sociais
Avenida Professor Aníbal de Bettencourt, 9
600-189 Lisbon - Portugal

Registration

Interested participants are required to register by sending an e-mail to ana.horta@ics.ul.pt
Participants simply attending the conference may register until March 19.

Regular fee for participants registered after January 31: 50 €
Reduced fee for ESA members (registered after January 31): 40 €
Free entry for ICS students

For more information:

<http://www.energyandsociety.ics.ul.pt/>

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