

Session title

Hybrid and polygeneration energy conversion systems

Session outline

Advanced energy systems appropriately coupling multiple inputs (hybrid operation) and/or generating various products (polygeneration) can provide security and flexibility in the energy sector and present significant economic, environmental and social benefits.

This goal of this session is to attract energy specialists to discuss and present their work on hybrid and/or polygeneration systems, in particular related to the following issues:

- Conventional and renewable energy conversion systems
- Thermodynamic, economic and environmental (life cycle assessment) evaluation of energy processes
- Efficiency optimization
- Emission and water reduction measures
- Coupling of energy and water processes

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