

Call for Abstracts

2nd German-Japanese Workshop on Renewable Energies 5-7 July 2017, Stuttgart, Germany

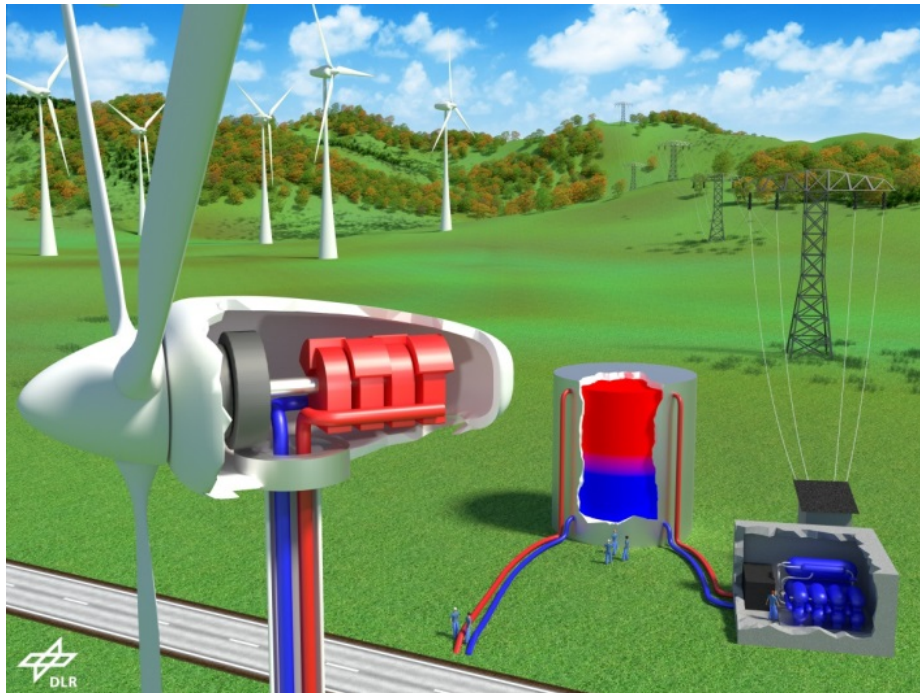
Part I – Energy Systems Analysis Part II – Advanced Energy Technologies

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Scope and Outline

Renewable energies play an increasing role in the Japanese and German energy supply systems. However, the full potential of collaboration between Japan and Germany in this field has not been systematically explored. The goal of the “German-Japanese Workshop on Renewable Energies” is to provide a platform for exchange between researchers from academia and industry as well as policy makers, and to identify research needs and prospective joint projects in the area of renewable energy technologies and systems. The event will consist of the two individual workshops which can be attended either separately or together.

Part I – Energy Systems Analysis, 5-6 July 2017

This workshop is devoted to the analysis of energy systems and energy scenarios on the regional, national and international scale as well as on the impact of the conclusions on the energy policy of Japan, Germany and more broadly, on Asia and Europe. Topics include but are not limited to the (1) assessment of renewable energy technology potentials, (2) energy storage and load balancing technologies, (3) development of energy supply scenarios, (4) modelling of the energy system, (5) application of energy system models, (6) renewable energy economics, market integration and market design, (7) future research questions of energy system analysis. Particular emphasis will be placed on the evaluation of methods for ensuring and enhancing the robustness and quality of model-based energy systems analysis and scenario development. Another focus of the workshop will be on the refinancing of investments into renewable energy technologies as well as on demand oriented feed-in and market integration of intermittent power sources.

Part II – Advanced Energy Technologies, 6-7 July 2017

This workshop discusses the contribution of advanced energy technologies to the balancing of renewable energy fluctuations. Topics include but are not limited to (1) thermal energy storage technologies, (2) fuel cell technologies, (3) battery technologies, and (4) synthetic liquid fuels produced from renewable electricity. Special attention will be given to the future role of ammonia as energy carrier. Furthermore, the workshop will address recent advancements in the development of Wind Powered Thermal Energy Systems (WTES), which refers to a new technology that involves direct transformation of wind energy into thermal energy without intermediate electric generators.

Venue

The workshop is held at the DLR-Campus in Stuttgart-Vaihingen. It is located halfway between the city centre and the airport, and can be reached by metro service (station *Universität*). For further information, please follow <http://www.dlr.de/tt/en/Portaldata/41/Resources/dokumente/anfahrt/stuttgart/Anfahrt-ST-englisch.pdf>

Abstract Submission and Contact

We encourage you to submit your abstract addressing any of the workshop topics until **April 18, 2017**. Abstracts should not exceed 300 words and must include the names and affiliations of all authors. Submissions and presentations have to be submitted and delivered in English language. You are requested to submit your abstract as doc or pdf file by email to Mr. Hans Christian Gils (hans-christian.gils@dlr.de) for part I and Mr. Toru Okazaki (t-okazaki@iae.or.jp) for part II. Notification about acceptance of abstracts will be provided before April 24, 2017.

In case of any organizational and content-related questions, please do not hesitate to contact Mr. Gils.

Registration

Non-presenting participants are required to register before June 19, 2017 by email in English to Ms. Eva Ast (Eva-Maria.Ast@dlr.de). Seats are limited.

Recommended Accommodations

Premium class:

Hotel Pullman Stuttgart Fontana

<http://www.pullmanhotels.com/gb/hotel-5425-pullman-stuttgart-fontana/index.shtml>

5 min metro ride plus 10 min walk

Business class:

Commundo Tagungshotel Stuttgart

<https://www.commundo-tagungshotels.de/standorte/stuttgart.html> (in German only)

10 min walk

Römerhof Vaihingen

<http://www.roemerhof-kulinarium.de/roemerhof> (in German only)

15 min walk

Many other hotels can be found in the city centre of Stuttgart. From there, it takes about 15 min metro ride plus 10 min walk to reach the DLR-Campus.

For any other information about the city, please see <https://www.stuttgart-tourist.de>