

1<sup>st</sup> International workshop on:

## **Open Source Modelling and Simulation of Energy Systems**

4-5 April 2022, Aachen (DE)

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The workshop deals with all the aspects related to use and development of open source tools for the modelling and simulation of power and energy systems. The main goal of the workshop is to encourage discussion on these topics among experts coming from academia, industry and utilities.

The main topics on which the workshop is expected to represent a qualified forum for providing contributions to the advancement of knowledge include, but are not limited to the one listed below.

### **Technical Tracks**

- Electromagnetic transient simulation
- Dynamic phasor simulation
- Electromechanical transient simulation
- Load flow – energy systems analysis
- Real-time simulation
- Co-Simulation
- Equation based modelling
- Building simulation
- Gas grids simulation
- Open models and meta-modeling
- Visualization

Prospective authors should submit a 5-6 pages FULL PAPER, consisting of a complete description of the proposed technical content and applicable research results, using the on-line submission system. After the review process, the decision could be: acceptance, minor revision or rejection. In case of revision, papers will be accepted only upon condition that the changes requested by the Reviewers are satisfactorily addressed by the Authors in the final submitted papers, which will be checked by the Technical Program Committee. Final papers may be rejected if the Reviewers' remarks have not been properly addressed.

A submission implies willingness to register and present the work if the paper is accepted for presentation at the Workshop.

### **Important Dates:**

15<sup>th</sup> October, 2021

*Deadline for paper submission*

15<sup>th</sup> December, 2021

*Notification of acceptance*

15<sup>th</sup> January, 2022

*Receipt of final manuscript*

### **Organizers:**

General Chair: Andrea Benigni (FZJ-RWTH)

General Co-chair: Antonello Monti (RWTH)

Technical Program Chair: Thomas Strasser (AIT)

Finance Chair: Thiemo Pesch (FZJ)