



## **SIMONE Congress 2024**

### **Announcement**

The energy industry is in transition. Society is moving away from fossil energy sources and shifting toward sustainable energy sources. And LIWACOM is prepared to meet these new challenges. At our upcoming congress in Vienna, we want to emphasize how SIMONE can be utilized to solve the demands related to these new challenges.

We invite you to present a paper about your experiences and solutions to tackle these new challenges. Presentations about simulating H<sub>2</sub> and CO<sub>2</sub>, as well as natural gas pipelines, are welcome.

For more than 35 years this bi-annual congress has been a forum for SIMONE Users to freely exchange thoughts, experiences and ideas about using high-quality simulation to solve day-to-day as well as long-term operational tasks.

The International SIMONE Congress is the leading forum for executives and specialists dealing with pipeline simulation and optimization. It is the prime meeting place for exchanging ideas on innovative applications and developments in the realm of gas pipeline simulation. The Congress is known for its high standard and topicality of its technical papers. The accompanying social program contributes to fruitful discussions in a relaxed atmosphere.

**Vienna, Austria – Hotel Le Meridien**  
**2-4 September 2024**

The bi-annual SIMONE Congress is organized by LIWACOM Informationstechnik GmbH, Essen, and SIMONE Research Group s.r.o., Prague.



To complete the program, we are seeking contributions – please refer to the Call for Papers below.

This Call for Papers covers all areas related to gas pipeline simulation and optimization. The Congress particularly welcomes contributions on:

- **Simulation of Non-Conventional Gases (H<sub>2</sub>, CO<sub>2</sub>)**
- **Capacity Calculations**
- **Tracking of Calorific Values for Energy Billing**
- **Real-Time Applications**
- **Physics of Pipeline Flow and Compression**
- **Transport and Compressor Optimization**
- **Optimum Pipeline System Design**
- **Hydrate Formation Prediction and Risk Reduction**
- **Leak Detection and Location**
- **Planning Models**
- **GIS, GMS and SCADA Integration**
- **User Interfaces**
- **Gas Distribution Networks**

We would like to send out the agenda and registration information in April 2024. If you would like to propose a paper and presentation, please send no later than 8 April 2024 a one-page abstract including title and authors to:

**Martin Mans**  
Email: [martin.mans@liwacom.de](mailto:martin.mans@liwacom.de)

A time slot of 30 minutes, including discussion, will be allotted for your presentation. The congress language will be English.

Authors whose papers are selected for presentation will be notified promptly. The final papers will be due on 5 August 2024. The main paper author/presenter will be exempted from the registration fee.

We look forward to welcoming you in Vienna

Sincerely yours

LIWACOM Informationstechnik GmbH