



ABSTRACT due
by 21 Feb 2024

CALL for
INDUSTRY
Contributions
Separate CALL for R&D&D PAPERS

GRID SERVICE
MARKET SYMPOSIUM
GSM 2024
KKL, Lucerne 1 – 2 July
S W I T Z E R L A N D
+ virtual attendance

Free
Advertisement
Pitch

GRID
FLEXIBILITY & BUSINESS

Featuring

1. Future of Grid Service Markets
2. International Collaboration
3. Advanced Technologies providing Flexibility
4. Grid Service Operation
5. Enabling Technologies
6. Case Studies, Demonstrations & others

www.GridServiceMarket.com

7th **Grid Service Market** symposium
featuring **Grid Flexibility & Business**

CALL for INDUSTRY Contributions

Free
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Pitch

GSM 2024

KKL Lucerne 1 - 2 July
+ virtual attendance

Switzerland

Separate CALL for R&D&D PAPERS
Research & Development & Demonstration

SCOPE

www.GridServiceMarket.com/Scope

The **integration** of a large amount of new **renewable energy** sources, the switch to electric vehicles, and the conversion of the power plant park poses great challenges for the European **electricity grids & markets**. Network reinforcement, market harmonisation and integration are both solutions and challenges for all players in the electricity industry. The integration of new technologies and methods to provide **grid services** and optimise the use of existing infrastructure is now changing the face of the electricity industry.

GSM 2024 - 7th Grid Service Markets symposium - is the **networking platform** to exchange **industrial views** on the **state of the art, real world case studies & demonstrations, best practices, challenges** and the **future** of European grid service markets (see TOPICS).

Completing industry renowned research & development institutions, EU projects present latest findings on current **developments, technical advances & innovations**. GOs/NGOs address improvements in intern. **cooperation, rules, regulations & standards** (see separate CALL for R&D&D PAPERS www.GridServiceMarket.com/C4P).

GSM 2024 can offer your business

Networking opportunities with grid & technology experts, scouts & managers from the electricity industry, administration bodies & researchers interested in the commercial aspects of grid services & new technologies

A place to share your products, achievements & ideas with an international audience & future clients

Inspiring social side events in the charming surroundings of Lucerne resulting in fruitful personal contacts

Expert talks on market logic, regulations & harmonization, future trends, operations & technical solutions & debates about long-term business plans & business-related aspects of European grid service markets

a variety of **special endorsements & sponsorship opportunities** combined with various **presentation options**.

The **two-day symposium** features oral sessions with **talks** and **posters**. An International Advisory Board (IAB) ensures high quality and top-class keynotes. In-depth discussions are planned in all areas.

GSM 2024 takes place in parallel with the **Sustainable Shipping Days SSD**, which focus on the future of energy conversion & supply in ports. Afterwards EFCF 2024, the 28th **European Electrolyser & Fuel Cell Forum**, an international reference event with exhibition & tutorials, starts - www.EFCF.com.

CALL for INDUSTRY Contributions separate CALL for R&D&D PAPERS www.GridServiceMarket.com/AuthorCenter

GSM 2024 calls from industry **product-related & market-oriented oral & poster contributions** to the described scope and proposed TOPICS. All stakeholders in the grid service market – from **suppliers** of advanced & supporting technologies, **plant & grid planners, installers & operators, DSOs & TSOs to traders, regulation & standardization organizations** as well as **consultants & policy makers** – are kindly invited to **submit abstracts**.

The following submission procedure applies:

1. www.GridServiceMarket.com/Download Abstract **template** & samples
2. www.GridServiceMarket.com/Upload **½-1 page abstract** outlining pitch/talk/poster is due by **21 February 2024**
Upload on time to reserve your place for more opportunities to promote your affairs.
Email to authors by end of March 2024 - no obligation to submit a full paper
Final Announcement with oral & poster program by 30 April 2024.
3. **Acceptance** notification via
4. **PowerPoint presentation** is due by **24 June 2024**
No template is provided. Mail or the upload link will be made available in good time.

TOPICS of the GSM symposium are set, but not limited to:

www.GridServiceMarket.com/TOPICS

1. FUTURE OF GRID SERVICE MARKETS

- Decentralized flexibility, Regulations
- Country reports, Market rules & regional developments
- Business models & commercial analysis
- TSO, DSO, P2P markets - Grid service trading
- TSO/DSO collaboration
- Optimized system architecture & market rules for future scenarios, ...

2. INTERNATIONAL COLLABORATION

- European common energy market
- International developments: GLEB, harmonization, ...
- Capacity allocation & market coupling
- Coordinated redispatching & countertrading
- Bidding zone review & new interconnectors: TYNDP, MAF
- Hybrid solutions: Offshore bidding zones, home market solutions
- Adequacy, seasonal outlook, risk & opportunity assessment:

3. ADVANCED TECHNOLOGIES PROVIDING FLEXIBILITY & CURTAILMENT

- Power electronics: FACTS, ...
- SmartX: Grids, buildings, cities, ...
- Storage technologies
- Load management
- Sector coupling / multi-energy: CHP, district heating, P2X, X2P, smart waste management, ...
- Grid-to-vehicle & vehicle-to-grid
- Renewables delivering grid services. ...

4. GRID SERVICE OPERATION

- Qualification, testing, operation & field reports
- Managing centralized & decentralized flexibilities
- Data security & data transparency
- Advanced diagnostics & modelling
- Optimization & control: HEMS
- Joint defense & energy collaboration, ...

5. ENABLING TECHNOLOGIES

- Virtual power plants VPP
- Unmanned aerial vehicles & satellite technology
- Digital technologies and telecommunications: IoT, 5G, LoRa, International Data Spaces
- Distributed ledger technology: Blockchain, ...
- Tools, simulation & AI

6. CASE STUDIES, DEMONSTRATIONS & others

SYMPOSIUM

Events

www.GridServiceMarket.com/Events

- 1 July 11:00 - 18:00** Opening & overview session with **keynotes**, followed by oral & poster sessions
19:30 "GSM networking Dinner" in a traditional Lucerne hotel with Swissness & ambience
- 2 July 09:00 - 17:00** Keynotes, oral & poster sessions, awards, symposium **summary & outlook**
17:00 - 19:00 **Good bye coffee** or EFCF exhibition & 18.00 EFCF Welcome Reception
- 2 July 09:00 - 17:00** SSD 2024 Sustainable Shipping Days www.EFCF.com/SSD (rebates for GSM participants)
- 3 - 5 July** EFCF opening & overview sessions or all www.EFCF.com (rebates for GSM participants)

Venue

www.GridServiceMarket.com/Lucerne

The GSM is held at the **Culture & Convention Centre Lucerne (KKL)** on the picturesque waterfront of the lake Lucerne in the heart of Switzerland. The venue is easy to reach by plane & train. It is close to car parks, the railway station with top connection to the airport & walking distance from charming hotels & the historical centre.

Fees & Conditions for contributions from Industry:

www.GridServiceMarket.com/Fee

- | | Live in Lucerne | Virtual |
|---|-------------------|----------|
| • Fee for symposium participation | | |
| • Regular Registration (without advertisement) | 900 CHF | 490 CHF |
| • Single Day (without advertisement) | 490 CHF | --- |
| • Late charge: cumulative for registrations from 15 April / 1 June (virtual) / On-Site: | +150 / +100 (+50) | +200 CHF |
- + Free offer for industry participants** to introduce company & advertise products, services etc.:
5-min **power pitch** +QA. Conditions: Upload of abstract; first come first serve as long as slots are available; no other talk booked.
- **Fee for advertisement/sponsoring activities without symposium participation** 160 CHF
Thus the above free offer for a Power Pitch (abstract required) & the advertisement actions below are also bookable.
- **Fees for dedicated advertisement actions:**
- Commercial **poster** / commercial 15 min **talk** / both (abstract required) +190 / +430 / +540 CHF
 - **Merchandise distribution** (Flyer, gadgets in the bag, logo in proceedings,...) +220 CHF
 - Manned **mini booth** (table, chair, poster wall) to meet & greet clients directly +540 CHF
 - Fully equipped **booth** contact info@gridservicemarket.com; Above free offer & fees are also bookable.

Regular fees include: access to **complete GSM Symposium** (sessions/posters/networking events); **Conference Proceedings, Conference Bag, Business Lunches, Refreshments, publication fees for paper authors** and the "GSM Networking Dinner" on Monday 1 July (supported by EFCF & HSLU, guest tickets for 135.- CHF); **GSM Grid Apéro & EFCF Welcome Reception** on 2 July; **EFCF 2024 Exhibition & Poster Hall**; Attractive rebates to join **EFCF Sessions, additional events** and **FCH Tutorials** (online & onsite); **Post symposium access** to all available, live streams, impressions and proceedings with ISBN on "GSMlibrary" and DOI on "Lucerne Open Repository" (HSLU-LORY) of GSM 2024 and at least 5 year before.

Ask for group rebate. All fees include the 8,1% VAT, where applicable. One Swiss Franc ("CHF") is valued at about 1.05 EURO, 1.14 US Dollar, 166 YEN, 8.3 CNY (Sept 2023, www.GridServiceMarket.com/Currency)

Davor Bošnjak	Head of Intraday Planning and Trading Services	HEP/Croatia	www.hep.hr
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***CHAIR of Intern. Advisory Board & GSM conference series**

Prof. Christoph Imboden

Institute for Innovation & Technology Management,
Lucerne University of Applied Sciences, www.HSLU.ch

Christoph is professor for product innovation at the Lucerne University of Applied Sciences and Arts HSLU and Head of Research at the Institute for Innovation & Technology Management. He is engaged in several research projects focusing on power economy.

He studied electrical engineering at the ETH Zurich, received his doctorate in 1995 and an executive MBA at the University of Zurich in 2006. After working in different positions in the industry, he started working for HSLU in 2012. Christoph has been the chair of GSM since 2017. He looks back to more than twenty years of industrial experience in different application areas of the energy, communication and information technologies.



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