

EnergyScope Symposium

Full Program

October 3rd & 4th, 2024

ETH Zürich



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Why the Symposium

The EnergyScope Symposium aims to bring together researchers, industry professionals, and policymakers to explore developments in energy systems modeling, particularly the applications of EnergyScope. Over 2+ days, participants will engage in discussions, workshops, and collaborative activities focused on enhancing societal dynamics and technical innovation integration in energy transition modeling. The symposium fosters networking, collaboration, and knowledge exchange to address pressing global energy challenges. By the end of the event, participants will have identified key synergies, actionable strategies, and research collaborations that can drive future energy policy and research.

Workshop Objectives

Each workshop targets specific energy systems modeling and interdisciplinary collaboration areas. The following outlines the workshops' objectives:

Pitch Session (October 3rd, 11:00):

- Objective: Provide an opportunity for participants to present their research, enhancing networking and collaboration succinctly.
- Expected Outcome: Establish connections for potential partnerships and identify shared research goals across the participants.

Workshop 1: Current Research Projects (October 3rd, 14:30):

- Objective: Share ongoing research projects and identify synergies between researchers.
- Expected Outcome: Participants will leave with actionable collaboration ideas and a clear understanding of how their work fits within the larger research community.

Workshop 2: Dream Big (October 4th, 11:30):

- Objective: Foster innovative thinking by encouraging participants to think beyond immediate limitations and envision long-term projects.
- Expected Outcome: Participants will generate a list of big-picture research ideas and a roadmap for tackling them in future collaborations.

Workshop 3: Low-hanging fruits (October 4th, 14:30):

- Objective: Identify quick wins in energy system modeling and how to leverage them for immediate impact.
- Expected Outcome: Define concrete work packages and representative roles for future development within the EnergyScope community.

Agenda

Thursday, October 3: (Researchers)

- 09:30:** Registration
- **Where:** LEE 308
- 10:00:** Welcome & Ice-breaker
- **What:** Introduction and welcome speech
 - **Where:** [LEE 308](#)
 - **Material:** You, yourself, and you
- 11:00:** Pitch Session
- **What:** Each researcher and participant presents their research in 3 minutes
 - **Where:** [LEE 308](#)
 - **Material:** Your voice and the presentation (be creative 😊)
[Submit by September 23](#)
- 12:30:** Lunch Break
- **What:** Food & Beverages
 - **Where:** CLA Glass Hall
 - **Material:** Your appetite
- 14:30:** Workshop 1: Current Research Projects
- **What:** Participants will be grouped by topics to discuss research progress, collaborations, and synergies, with summaries presented in a plenary session.
 - **Where:** [LEE 308](#)
 - **Material:** Something to write on
- 17:30:** Social Event in Zurich
- **What:** Something Great
 - **Where:** Surprise
 - **Material:** Good mood.

Friday, October 4: (Whole community)

- 09:30:** Registration
- **Where:** [PBLabs RZ](#)
- 10:00:** Welcome 2.0
- **What:** Introduction and welcome speech. Summary of Day 1
 - **Where:** [PBLabs RZ](#)
 - **Material:** You, yourself, and you
- 10:30:** Keynotes
- **What:**
 - Sylvain: The role of EnergyScope in the energy modeling galaxy
 - Gianfranco: How EnergyScope is applied in real life
 - Jonas: `pip install energyscope`
 - **Where:** [PBLabs RZ](#)
 - **Material:** Notebooks
- 11:30:** Workshop 2: Dream Big
- **What:** Plenary session
Think of EnergyScope in your dreams, 5 years from now.
 - **Where:** [PBLabs RZ](#)
 - **Material:** Your voice to speak up!
- 13:00** Lunch Break
- **What:** Food & Beverages
 - **Where:** [PBLabs RZ](#)
 - **Material:** Your appetite
- 14:30:** Workshop 3: Low-hanging fruits
- **What:** Group activity
Think: you have one week of full-time development; what will you develop
Pair: Exchange and discuss strategy and pertinence
Share: Decide on WPs, TC representatives, and work plan (how to contribute)
 - **Where:** [PBLabs RZ](#)
 - **Material:** Notebook, Imagination, Pragmatism
- 17:30:** Closing Remarks and Networking Aperitif

Saturday, October 5

Informal activity. More details to come.

Logistics and Venue Information

Day 1: October 3rd

The EnergyScope Symposium on Day 1 will be held at [ETH Zurich, LEE Building, Leonhardstrasse 21, Zurich, Switzerland](#). You can walk from the Zurich HB train station (approximately 10-15 minutes) or take tram 6, 10 (Haldenegg stop).

Day 2: October 4th

The EnergyScope Symposium on Day 2 will be held at the [PB Labs, ETH Zürich, RZ Building, Clausiusstrasse 59, Zürich](#). Detailed directions to the venue are provided below:

- **Option 1:** From Zurich HB, take tram 6, 7, or 10 and get off at the Haldenegg Stop. Walk to the RZ building via Heldensteig.
- **Option 2:** Walk directly from Zurich HB (approximately 10 minutes) to the RZ Building.
- **Option 3:** Enter from Clausiusstrasse 59 and proceed to the D-Floor.

For more information on transportation options, consult the venue map:

[Venue Map ETH Zurich](#).

Accommodation

To be organized by the participants. A list of recommended hotels and accommodations near the venue can be found here: <https://www.wohnen.ethz.ch/en/search-accommodation/hotels-hostels.html>

Additional Information

- **Participants:** We have around 30 registrations from researchers worldwide. This diverse group provides an excellent opportunity to network and collaborate.
- **Internet Connection:** Please make sure to configure your Eduroam network on your tablets, phones, laptops, etc. If you do not have access to Eduroam, please inform the organizers ahead of time.
- **Start and End Times:** The workshop will start each day at 09:30 and end at 17:30. The workshop will be followed by a social event.
- **Other activities:** We will organise social events on
 - Thursday at 17:30 (surprise)
 - Friday at 17:30 (surprise again, somewhere else)
 - Saturday (more information to come... we are preparing something special)

Pitch-Session Submission Guidelines

All participants are invited to submit their research presentation for the Pitch Session. Please follow the guidelines below for submission:

- **Length:** 3 Slides, 3 Minutes
- **Format:** Powerpoint
- **Template:** <https://go.epfl.ch/ESSymposium-Template>
- **Submission Deadline:** September 23, 2024

Please name your presentations as `lastname_pitchpresentation.pptx`

Organisation Committee

The EnergyScope Symposium is organised by the EnergyScope community technical committee comprising experts in EnergyScope development. The following are the key members:

- **Dr. Stefano Moret** (ETH Zurich)
- **Dr. Gauthier Limpens** (UC Louvain)
- **Dr. Jonas Schnidrig** (HEVS)
- **Dr. Xavier Rixhon** (UC Louvain).

Pre-Event Networking

Join our active Slack community to connect with fellow participants before the symposium. You can introduce yourself, share research interests, and stay updated on the latest event details.

The Slack workspace includes several channels to facilitate engagement:

- **Welcome to the community:** Your entry point to say hi and introduce yourself to other members.
- **General:** Important updates and announcements from the event administrators.
- **Topic-specific channels:** Dedicated spaces to discuss research and symposium topics.
- **#Symposium-2024:** The channel for all relevant information and communications for the workshop

If you have any questions, please contact an administrator or post in the welcome channel, where fellow participants can respond quickly.

Follow-Up Plan

The proceedings, including abstracts, keynotes, and workshop outcomes, will be shared with the participants after the symposium. Participants will receive a summary of the key discussions and collaborative opportunities identified during the event. The symposium organisers will also facilitate ongoing collaboration through follow-up webinars and networking sessions, ensuring the event's momentum continues beyond the two-day program.

Emergency Information

For emergencies during the symposium, please contact:

- **Local Emergency Services:** Dial 144 for urgent assistance.
- **ETH Zurich On-site Support:** ETH Zurich Security – **+41 44 342 11 88**
- **Medical Facilities:** University Hospital Zurich, located at Rämistrasse 100, 8091 Zurich. Taxi service is available for emergencies.

We are eager to meet all of you and look forward to a productive and enjoyable workshop!

Best regards,

The Organisation Committee
Stefano, Gauthier, Xavier & Jonas