

4TU.ENERGY COMMUNITY ACTIVITY · MEIFUS INITIATIVE

# MEIFUS Workshop

## Multi-Source Energy Integration in Urban Systems Considering Changing Climate Conditions

### DATE & TIME

**Thursday, 29 October 2026**

09:30 – 17:30 (CET)

Hosted by Dr. Guang Hu (TU/e) · Dr. Dragan Milosevic (WUR) · Dr. Tingting Zhu (UT)

### LOCATION

**Eindhoven Amersfoort, Netherlands**

Barchman Wuytierslaan 2, 3818 LH Amersfoort

### About This Event

4TU.Energy is pleased to invite you to the MEIFUS (Multi-Source Energy Integration Framework for Sustainable Urban Systems) Workshop, hosted at Eindhoven Amersfoort. This one-day event brings together researchers, engineers, urban planners, and industry partners to exchange knowledge and develop practical solutions for integrating multiple energy sources in urban environments under changing climate conditions.

The day combines expert keynotes with collaborative breakout sessions — focusing on weather-dependent energy generation, multi-vector balancing (electricity, heat, cooling), urban microclimate interactions, and municipal energy planning under Dutch climate scenarios.

**Registration deadline** — Sunday, 18 October 2026, via the [Online Form](#).

### Program & Speaker Lineup

| TIME           |   | ACTIVITY & TOPICS                                                                                                                       | SPEAKERS & LOCATION                                                                        |
|----------------|---|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| 09:30<br>10:00 | – | <b>Registration &amp; Morning Coffee</b><br><i>Ontvangst · Coffee, Tea &amp; Sweet Pastry</i>                                           | Lounge / Entrance Hall                                                                     |
| 10:00<br>10:15 | – | <b>Welcome &amp; MEIFUS Framework Introduction</b>                                                                                      | <b>Dr. Guang Hu (TU/e), Dr. Tingting Zhu (UT), Dr. Dragan Milosevic (WUR)</b><br>Main Hall |
| 10:15<br>10:45 | – | <b>KEYNOTE</b><br><b>Keynote 1 — Multi-Vector Energy Integration in Future Urban Systems</b>                                            | <b>Prof. David Smeulders (TU/e, NL)</b><br>Main Room                                       |
| 10:45<br>11:00 | – | <b>Coffee Break &amp; Networking</b>                                                                                                    | Lounge                                                                                     |
| 11:00<br>11:30 | – | <b>KEYNOTE</b><br><b>Keynote 2 — Mitigating Urban Heat Island Effects &amp; Microclimate Resilience for Building Energy Performance</b> | <b>Prof. Anna Laura Pisello (University of Perugia, Italy)</b><br>Main Room                |

| TIME           |   | ACTIVITY & TOPICS                                                                                                                                     | SPEAKERS & LOCATION                                                           |
|----------------|---|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| 11:30<br>12:00 | – | <b>KEYNOTE</b><br><b>Keynote 3 — Understanding Building Energy Efficiency by Urban Sensing and Analytics</b>                                          | <b>Prof. Qunshan Zhao (University of Glasgow, UK)</b><br>Main Room            |
| 12:00<br>13:00 | – | <b>Group Photo (12:00), Buffet Lunch &amp; Networking</b><br><i>Rondeel Lunch I · Luxury Sandwiches, Warm Snack, Fruit &amp; Drinks</i>               | Lounge                                                                        |
| 13:00<br>13:30 | – | <b>KEYNOTE</b><br><b>Keynote 4 / Local Practice — Local Energy Transition in Practice: Municipal Initiatives &amp; Urban Challenges in Amersfoort</b> | <b>Anneke van der Kraan (Amersfoort Municipality, NL)</b><br>Main Room        |
| 13:30<br>14:30 | – | <b>WORKSHOP</b><br><b>Collaborative Workshop — Group Work on Municipal &amp; Climate Energy Challenges</b>                                            | Main Room & Breakout<br>Discussions · Mixed Teams                             |
| 14:30<br>14:45 | – | <b>Coffee Break &amp; Refreshments</b><br><i>Pauze · Coffee, Tea, Water, Sodas, Candy &amp; Cookies</i>                                               | Lounge                                                                        |
| 14:45<br>15:45 | – | <b>WORKSHOP</b><br><b>Collaborative Workshop — Finalizing Solutions &amp; Group Work</b>                                                              | Main Room & Breakout Discussions                                              |
| 15:45<br>16:45 | – | <b>AWARDS</b><br><b>Pitching &amp; Awards Session</b><br><i>5-minute pitch + Q&amp;A per team</i>                                                     | <b>Hosted by Experts</b><br>Main Room · Certificates & Gifts for Participants |
| 16:45<br>17:00 | – | <b>Wrap-up &amp; Closing Remarks</b>                                                                                                                  | Main Room                                                                     |
| 17:00<br>17:30 | – | <b>Networking Reception (Borrel)</b><br><i>Drinks Package &amp; 4 Luxury Savory Snacks</i>                                                            | Lounge                                                                        |

## Practical Notes & Venue Information

- ❖ **Venue** — Eenhoorn Meeting Center Amersfoort, directly opposite Amersfoort Central Station.
- ❖ **Group photo** — Taken at 12:00 in the Lounge, prior to lunch.
- ❖ **Catering** — Full-day coffee, tea & refreshments; buffet lunch (12:00–13:00); afternoon soda break (14:30); networking drinks with savory snacks (17:00–17:30).
- ❖ **Hybrid access** — Morning keynotes are streamed live via Microsoft Teams for online attendees.

## Organizing Contacts

|                                                                             |                                                                                         |                                                                                                            |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| <b>Dr. Guang Hu</b><br>TU/e<br><a href="mailto:g.hu@tue.nl">g.hu@tue.nl</a> | <b>Dr. Tingting Zhu</b><br>UT<br><a href="mailto:t.zhu@utwente.nl">t.zhu@utwente.nl</a> | <b>Dr. Dragan Milosevic</b><br>WUR<br><a href="mailto:dragan.milosevic@wur.nl">dragan.milosevic@wur.nl</a> |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|

## We look forward to welcoming you in Amersfoort.

Join researchers, engineers, urban planners, and industry partners for a day of interdisciplinary exchange on multi-source energy integration and climate-resilient urban systems. Register before Sunday, 18 October 2026.

## QR code for registration

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