



**Sant'Anna**  
Scuola Universitaria Superiore Pisa

ISTITUTO  
TECIP



# ESTEP SPRING DISSEMINATION EVENT

**AULA MAGNA**

SCUOLA SUPERIORE SANT'ANNA  
IN PISA (ITALY)

**29 - 30 MARCH 2023**



The European Steel Technology Platform (ESTEP)  
**Spring Dissemination Event 2023** will take place in-person  
on **29 & 30 March 2023** in Pisa (from **12:00 CET**) at the **Aula Magna** of  
Scuola Superiore Sant'Anna (SSSA) in Pisa, Italy.

The main purpose of the event is to celebrate the ESTEP community  
while also sharing results and knowledge gained from research &  
innovation projects related to the steel sector.

This will also be the occasion to celebrate the 5<sup>th</sup> anniversary of ESTEP.

**Registration:** Attendance is free but registration is required for the  
event.

Please register on our website [here](#)

## Venue information

The event will be held at the **Aula Magna** of Scuola Superiore Sant'Anna (SSSA). The venue address is :

**PIAZZA MARTIRI DELLA LIBERTÀ 33, 56127 PISA (ITALY)**



## Celebration Dinner

The dinner will take place at the first floor of the Royal Victoria Hotel, starting with a welcome drink at 19.30.

ESTEP proudly invites for its 5<sup>th</sup> anniversary.

Address for the dinner venue: 12 Lungarno Pacinotti, Pisa

## Hotel recommendations

- **Hotel Di Stefano** \*\*\* (Close to SSSA headquarters - 3 min walk to SSSA)  
<https://www.hoteldistefano.it/it/>
- **Royal Victoria Hotel** \*\*\* (Historical hotel on the Arno river – 7min walk to SSSA)  
<https://www.royalvictoria.it/>
- **Grand Hotel Duomo** \*\*\*\* (Close to Piazza dei Miracoli – 9min walk to SSSA)  
<https://www.grandhotelduomopisa.it/it/>
- **Hotel Pisa Tower** \*\*\* (Very close to Piazza dei Miracoli – 12min walk to SSSA)  
<https://www.hotelpisatower.com/it/>
- **Hotel Bologna** \*\*\*\* (Garage available if coming by car – 14min walk to SSSA)  
<https://hotelbologna.pisa.it/>
- **Villa Tower Inn** \*\*\*\* (Close to Miracle square – 15min walk to SSSA)  
<https://www.villatowerinn.com/>

More information about the city of Pisa: <https://www.aboutpisa.info/>

# Preliminary Programme

## DAY 1 – Wednesday 29 March 2023

12:00	Registration & lunch
12.45 – 13.50	<b>Opening &amp; welcome</b> <ul style="list-style-type: none"><li>• Klaus Peters (ESTEP)</li><li>• Sabina Nuti (SSSA)</li><li>• Valentina Colla (SSSA)</li></ul> <b>Keynote speakers</b> <ul style="list-style-type: none"><li>• Swedish perspectives to the decarbonisation challenge of the steel industry, Annika Roos (Jernkontoret)</li><li>• Steel on the agenda of the EU, Andrea Gentili, (European Commission - DG RTD)</li></ul>
13.50 – 14.40	<b>SESSION 1</b> <ul style="list-style-type: none"><li>• Development for use of hydrogen in green steel production, Joachim von Scheele (Linde)</li><li>• Steel sector decarbonisation – state of play in the EU, Jean Theo Ghenda (EUROFER)</li><li>• Skills for Industrial Symbiosis and Energy Efficiency in the steel industry (SPIRE-SAIS), Adrian Götting (TU Dortmund University)</li></ul> <b>Discussion</b>
14.40 – 15.10	<i>Coffee break</i>
15.10 – 17.15	<b>SESSION 2: Clean Steel Partnership Projects</b> <ul style="list-style-type: none"><li>• Hy4Smelt – A demonstration project for green hot metal from ultrafine iron ores, Hanspeter Ofner (Primetals) &amp; Thomas Bürgler (voestalpine)</li><li>▪ PURESCRAP, Melanie Leitner (K1-MET)</li><li>▪ TransZeroWaste, Gerald Stubbe (BFI)</li><li>▪ ReMFra, Manuel Mosconi (Tenaris)</li><li>▪ GreenHeatEAF, Valentina Colla (SSSA)</li><li>▪ HyTecHeat, Filippo Cirilli (Rina CSM)</li><li>▪ ModHEATech, Edoardo D'Amanzo (Rina CSM)</li><li>▪ Modiplant, Eduardo D'Amanzo (Rina CSM)</li><li>▪ CAESAR, Ahmed Rassili (CRM)</li><li>▪ HyDreams, RecHycle, HIYIELD, MaxH2DR, Twinghy, FullH2Reheat, Klaus Peters (ESTEP)</li></ul> <b>Discussion</b>
17.15 – 17.30	<b>Wrap- up of the day</b>
17.30	<i>End of event</i>
18.30	<i>Guided city tour of Pisa (optional)</i>
19.30	<i>Welcome Drink at the Royal Victoria Hotel</i>
20.00	<i>Celebration dinner at the Royal Victoria Hotel</i>

## **DAY 2 – Thursday 30 March 2023**

**08:30**                      **Welcome coffee**

**09.00 – 09.15**           **Opening**  
• Klaus Peters (ESTEP)

**9.15 – 10.50**           **SESSION 3**  
• Steel sector decarbonisation – state of play in Türkiye, Dursun Bas (Istanbul Policy Center)  
• University of Oulu's recent national projects toward fossil-free steel and carbon neutral metals, Henri Pauna & Eetu-Pekka Heikkinen (University of Oulu)  
• Independent industrial water supply by digitalization and simulation, Gerald Stubbe (BFI)  
• Optimising slag reuse and recycling in electric steelmaking (iSlag), Valentina Colla (SSSA)  
• BURNER 4.0, Alessandro Della Rocca (Tenova)

### **Discussion**

**10.50 – 11.15**                      *Coffee break*

**11.15 – 13.10**           **SESSION 4**  
• Novel technology for pure H<sub>2</sub> production, Sebastian Bock (Rouge H2 Engineering)  
• Alchimia, Jordi Galvez (Celsa)  
• BAMBOO, Victor Cuervo & Juan José Arribas (ArcelorMittal)  
• CO2OLHEAT, Paolo Bruttini (Baker Hughes)  
• Steam and gas networks revamping for the steelworks of the future (SMARTER), Valentina Colla (SSSA)

### **Discussion**

**13.10 – 13.15**           **Closing comments & future perspectives**

**13.15**                      *End of event*

*Light lunch offered by ESTEP*

*Please note some adjustments on the programme may still occur*