

CALL FOR PAPERS

International Conference on Renewable Energy Systems 2025 with focus on Solar Technologies

International Conference on Renewable Energy Systems (ICRES) with focus on Solar Technologies

ORGANIZED BY:



ΙΝΣΤΙΤΟΥΤΟ ΗΛΙΑΚΗΣ ΤΕΧΝΙΚΗΣ
INSTITUTE OF SOLAR TECHNOLOGY



CERTH
CENTRE FOR
RESEARCH & TECHNOLOGY
HELLAS



SolarHub
Funded by the EU nomenclature

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09-11 April 2025

THESSALONIKI, GREECE

UNDER THE AUSPICES OF:



DEPARTMENT OF
CIVIL ENGINEERING



DEPARTMENT OF
MECHANICAL ENGINEERING



ARISTOTLE
UNIVERSITY
OF THESSALONIKI

Thessaloniki, Greece

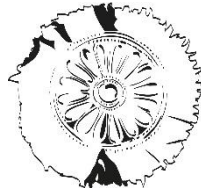
09 – 11 April 2025

Co – Organized by

Institute of Solar Energy
Technology



Centre of Research and
Technology Hellas



SolarHub

Under the auspices of the
School of Civil Engineering
School of Mechanical Engineering
Aristotle University of Thessaloniki, Greece



The Institute of Solar Technology (IST), a scientific organization based in Thessaloniki, recognizing in time the important role of Renewable Energy Sources (RES) and the Rational Use of Energy in the energy balance of Greece, organized in 1982 the "1st National Conference on Renewable Energy Sources", with the aim of providing researchers active in RES, a platform for a fruitful exchange of views and ideas and for supporting cooperation perspectives at national and international level. This initiative was met with enthusiastic support from the outset. Over the past 42 years, the Institute has built a legacy of hosting thirteen successful national events while fostering numerous fruitful collaborations within the scope of its broad thematic focus on the Greek region.

The Centre for Research and Technology Hellas was founded in March 2000, it is a legal entity governed by private law with non-profit status, supervised by the General Secretariat for Research and Innovation (GSRI) of the Greek Ministry of Development. CERTH suggests one of the most important Research Centers in Greece with a main mission: The promotion of innovative research for the benefit of society. Dedicated to this purpose, CERTH lies at the forefront of basic, applied and technological research to provide solutions to society's modern challenges. Clean energy, low/zero CO₂ emission technologies, clean vehicle technologies, green hydrogen, climate change, artificial intelligence, advanced robotic systems, the internet of things, Industry 4.0, smart home infrastructure for the future, precision medicine, holistic health nutrition, holistic health-nutrition approach, autonomous vehicles, driving simulators, traffic control hubs, smart cities, precision agriculture, agro-robotics and circular economy, are the primal fields around which CERTH's five (5) institutes are organized.

SolarHub is a perfect blend of Quadruple Helix collaboration in practice to create an Excellence Hub. Through linking academia, businesses, governments, and civil societies, SolarHub a four-year project with 21 partners from Greece, Türkiye, Germany, Ireland and Belgium. It is funded under the Horizon Europe WIDERA Excellence Hub program. The SolarHub consortium came to effect in January 2023 aiming to interconnect and scale-up five solar energy innovation ecosystems located in Ankara, Thessaloniki, İzmir, Athens and İstanbul standing by a mantra of accelerating the Clean Energy Transition and the Green Deal initiative.

Today IST, CERTH and SolarHub are proud to announce the

International Conference on Renewable Energy Systems with focus on Solar Technologies

under the auspices of the School of Civil Engineering and the School of Mechanical Engineering of the
Aristotle University of Thessaloniki

on 09-11 April 2025

in

THESSALONIKI, GREECE

The conference will cover the following key themes

- Solar Thermal Power and Heat
- Innovative components & systems for low temperature ($\leq 120^{\circ}\text{C}$) solar heat
- Medium and high temperature (solar) thermochemical processes & components
- Innovative Applications of PV technologies
- Innovative components & systems for agrivoltaics
- Solar Heating and Cooling – components and systems
- Hybrid PV/solar thermal
- Renewable Energy Technologies (wind, biomass, geothermal)
- Applications of Renewable Energy Technologies

There will be parallel sessions dedicated to specific subjects (to be announced later):

- Energy Communities: current status, challenges and perspectives
- Round table discussions on Solar Technology Systems policies

SUBMISSION OF PAPERS

For the submission of papers, an abstract (maximum 2 pages) should be submitted (via email at lcres2025@certh.gr). Selected papers will be published at conference proceedings; the authors will need to provide the full paper by the end of May 2025 to be included in the online proceedings. Instructions for the abstract submission and the final paper are available on the conference's webpage <https://horizonsolarhub.eu/en/> presented, thematic etc

IMPORTANT DATES

Abstract Submission	10-02-2025
Notification of Acceptance	03-03-2025
Submission of Full Paper	31-05-2025
Early Registration	Until 15-03-2025
Registration (on –line)*	Until 07-04-2025

PROCEEDINGS

The minutes of the Conference will include only the papers that will be presented. In addition, in order for a scientific paper to be included in the conference proceedings (published after the conference), at least one of its authors must be registered at the conference. Finally, in case a delegate presents more than one paper, he/she will have to pay 50% of the participation cost for each additional paper (beyond the first). Selected high quality papers will be forwarded for review in special issues of international scientific journals. The organizing committee is currently in discussions with the editors and the Journal that will publish the ICRES 2025 proceedings will be announced soon.

REGISTRATION FEES

The registration fees for the conference are as follows:

Participants and Authors Early bird (before 15/03/2025)	150 €
Participants and Authors (after 15/03/2025)	200 €
MSc and PhD students (non-authors)	50 €
Undergraduate students (non-authors)	Free

Payment can be performed by bank transfer at the bank account of Institute of Solar Technology.

Alpha Bank, IBAN: GR3501407070707002002019188

SWIFT code: CRBAGRAA

All bank transfer fees should be covered by the participants. Information regarding payment options are available on the conference website. Participants have the option to register during the conference, but payment will be cash only in Euros.

VENUE

The Conference is being held in Thessaloniki, at the Center for Dissemination of Research Results (K.D.E.A) of the Aristotle University of Thessaloniki, which is located on 3rd of September Street in the Campus between the Student Club and the University Gymnasium. Information can be found on their website: <http://kedeia.rc.auth.gr/>



ORGANIZING COMMITTEE

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Conference mail: lcres2025@certh.gr

The abstracts should be sent to lcres2025@certh.gr, via mail .

Information about the Conference is posted on the conference website <https://horizonsolarhub.eu/en/5012-icres-2025> and on the IST website: <http://solarinstitute.gr/>.

CONTACT US

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