

16th International Conference on Combustion Technologies for a Clean Environment

Clean Air 2025, Lisbon, Portugal – 25-29 May 2025

<https://cleanair2025.tecnico.ulisboa.pt>



The 16th International Conference on Combustion Technologies for a Clean Environment (Clean Air 2025) will take place in Lisbon, Portugal, from 25 to 29 of May 2025. The aim of the conference is to bring together graduate students, researchers, academics and industry experts to discuss the progress in the development of combustion technologies that minimize the environmental impact. Contributions on innovative combustion technologies that reduce the harmful emissions, low-carbon fuels, improvements in energy efficiency, post-combustion emission control systems and industrial applications are welcome.

TOPICS

The topics of the conference include but are not limited to:

- Combustion fundamentals
- Reaction kinetics
- Combustion diagnostics
- Computational methods
- Laminar flames
- Turbulent combustion
- Droplets and spray combustion
- Solid fuels combustion
- Pyrolysis and gasification
- Engines, gas turbines, boilers and furnaces
- CO₂ capture and sequestration
- Pollutants formation and control
- Alternative and low-carbon fuels
- New combustion concepts
- Machine learning applications to combustion
- Detonations, fires and explosions

KEY DATES

Extended abstract submission: **December 31st, 2024**

Acceptance notification: **February 28th, 2025**

Early bird registration and payment: **March 14th, 2025**

Final deadline for registration and payment for authors: **March 31st, 2025**

CONFERENCE CHAIRS

- Pedro Coelho, Instituto Superior Técnico, Lisboa, Portugal
- Roman Weber, Clausthal Technical University, Clausthal, Germany
- Minghou Xu, Huazhong University of Science and Technology, Wuhan, PR China

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- Pedro Coelho, Instituto Superior Técnico, Lisboa, Portugal

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