Call for Papers

31st CIMAC World Kongress
May 19th-23rd, 2025 - Zürich

CIMAC CONGRESS 25
ZURICH, MAY 19 – 23, 2025

Call for Papers
CIMAC Congress 2025

Deadline for the abstract: 01.07.2024
Acceptance notification: 31.10.2024
Deadline complete paper: 15.01.2025

Contact
cfp@ciac.com

Overarching Themes:

- Digitalization

- Towards net zero

- Engine optimazation & retrofits

- Basic research and advanced engineering

- Operators perspective

Abstract creation
The abstract must be 500 – 750 words long. Try to answer these questions:

a) What is the challenge you address?
b) What method(s) do you use?
c) What data do you use?
d) Which (intermediary) findings will you discuss?

Submit here

Formats:
Three different presentation formats will be avaiable.

- Presentation (15 min + 5min Q&A)
- Pecha Kucha presentation + Q&A
    - **No Paper needed!**
- Poster incl. Presentation Slot

Find more detailed information about the Call for Papers at www.cimaccongress.com

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How it works - Submssion of Abstracts

We welcome abstract proposals to the proposed topics until Monday, July 1st, 2024. The abstracts (150 to 500 words) shall outline the major content of the final paper and incorporate new research and findings not previously published. The Congress Technical Program Committee will review all abstracts to assess their suitability for acceptance to the Congress 2025 Technical Program and a presentation at the event.

Abstracts shall answer the following questions:
1. **What is the problem you address?**
2. **What method(s) do you use?**
3. **What data do you use?**
4. **Which (intermediary) findings will you discuss?**

Submit your abstract using the Electronic Paper System (EPS).

Submit here

Note for academic researchers:
We will be able to offer a DOI for papers if required. We are working on a solution for scopus indexing, but do not have a final solution yet.

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Formats*

Presentation

- 15min presentation
- 5min Q&A

Requirements

- Accepted abstract
- Accepted paper (~15 pages)
- Presentation at the Congress

Pecha Kucha Presentation

- 20 slides per presentation
- Switches automatically to the next slide after 20 seconds

Requirements

- Accepted abstract
- Presentation at the Congress

Poster

- Poster at the CIMAC Congress
- Fixed presentation time slot for the poster during a break

Requirements

- Accepted abstract
- Accepted paper (~15 pages)
- Create the poster
- Present your poster (requires live presence!)

* Formats and timeframes may be changed if needed.

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Theme 1: Engine Digitalization

1. Digitalization, connectivity, AI & cyber security
2. System integration & hybridization
3. Electrification & fuel cells
4. Controls, automation, measurement & predictive maintenance

Theme 2: Striving for Emission-Free-Future

1. Exhaust gas aftertreatment solutions & CCS
2. Emission reduction - engine measures & combustion development
3. Conventional fuels
4. New & alternative fuels
5. Lubricants

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Theme 3: Engine Optimization & Retrofits

1. Diesel / gas / dual fuel
2. Retrofit solutions
3. New engine concepts & systems
4. Fuel injtection, gas admission & engine components
5. Tribology
6. Turbochargers & air exhaust management

Theme 4: Basic Research, adv. Engineering

1. New concepts
2. Simulation technologies, digital twins & complex system simulation
3. Mechanics, materials & coatings
4. Visualizations

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Theme 5: Operators Perspective

1. Human factors in maritime operations
2. Autonomous and unmanned vessels
3. Safety and reliability in maritime systems
4. Marine industry regulations and compliance for large engines
5. Load balancing and grid stability with large engine based power generation
6. Digitalization and smart controls for large engine power plants

Call for Papers 2024

All Information about the Call for Papers 2024 , e.g. Formats, detailed Topic descriptions etc, may be found on:

www.cimaccongress.com