Conference Chair
Prof. Emmanuel Kakaras
Prof. Sotirios Karellas

Conference Honorary Chairman
Prof. Piero Colonna

Scientific Committee (ORC2019)
Prof. Yoshiharu Amano (JP)
Dr. Marco Astolfi (IT)
Dr. Ian Bell (US)
Prof. Martijn van den Broek (BEL)
Prof. Dieter Brüggemann (DE)
Dr. Klaus Brun (US)
Prof. Jos van Buijtenen (NL)
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Prof. Alberto Guardone (IT)
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Prof. Vincent Lemort (BEL)
Prof. Giampaolo Manfrida (IT)
Prof. Dimitrios Manolakos (GR)
Dr. Christos Markides (UK)
Prof. Michel de Paepe (BEL)
Dr. Sylvain Quoilin (BEL)
Prof. David Sánchez (ESP)
Dr. Jürg Schiffmann (CH)
Dr. Andreas Schuster (DE)
Prof. Hartmut Spliethoff (DE)
Dr. Hia Tian (CN)
Dr. Spyros Voutetakis (GR)
Prof. Enhua Wang (CN)
Dr. Christoph Wieland (DE)

Social Events:
Social Events will include a one-day cruise to Hydra, Poros, Aegina islands and a guided tour to the Acropolis museum with a gala dinner at the museum restaurant.

Technical Visit:
The Aluminium of Greece, Aspra Spitia (High Efficient Industrial Co-Generation Plan) or Biomass ORC Plant, Volos

Conference Venue:
The Conference Venue is a central Hotel right next to the Acropolis (www.royalolympic.com)
The National Technical University of Athens (NTUA) is organizing the 5th International Seminar on ORC Power Systems. The Conference will take place in Athens on the 9th, 10th and 11th of September 2019 and will be organized under the auspices of the Knowledge Center on Organic Rankine Cycle Technology (KCORC).

KCORC is a scientific platform and is acting as the hub of our community of professionals from the academia and the industry dedicated to the promotion of ORC technology.

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<tr>
<th>Topics:</th>
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<tbody>
<tr>
<td>• Applications and Energy Sources</td>
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<tr>
<td>• System Design and Optimization</td>
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<td>• Experimental activities and techniques</td>
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<td>• Working Fluids, including mixtures</td>
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<td>• Turbines</td>
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<td>• Volumetric expanders</td>
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<td>• Heat Exchangers</td>
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<td>• Simulation and Design Tools</td>
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<td>• Advanced Control Strategies</td>
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<td>• Operational Experience on Prototypes</td>
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<td>• Supercritical CO2 and novel technologies</td>
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<td>• Waste heat recovery</td>
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<td>• Marine applications</td>
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<td>• Novel/advanced architectures (mixtures, regenerative, multi-stage)</td>
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<td>• Domestic/multigeneration systems</td>
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<td>• Technological interaction of ORC with heat pumps</td>
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**Main theme:**
Promotion of science in the area of thermodynamic cycles of organic substances, which now have a wide application in the exploitation of renewable energy sources such as solar, geothermal, biomass or waste heat from various processes.

Since the first edition in Delft, the International Seminar on Organic Rankine Cycle Power Systems established itself as the reference technical conference on the topic. The ORC International Seminar provides a unique preview on the latest technologies, where new ideas and technical solutions are presented. At the same time, the academic community recognized it as the natural and most relevant podium to present research achievements to the international audience. Moreover, industries operating in the field can benefit presenting to scientists and market operators the last improvements to their technology.

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**Contact details:**

ORC2019 Conference Secretariat
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**IMPORTANT DATES**

- 21 January 2019 Deadline abstract submission
- 1 March 2019 Notification of abstract acceptance and invitation full papers/Technical notes
- 26 April 2019 Deadline Full papers/ Technical Notes
- 8 June 2019 Notification Full Papers/Technical Notes
- 8 July 2019 Final paper submission