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CALL FOR PAPERS

26th Conference Process Integration, Modelling and Optimisation for Energy Saving and Pollution Reduction

PRES'23

8-11 October 2023 Thessaloniki, Greece



<conferencepres.site>
<ysquared.eu/pres23/>



PRES'23 is the 26th conference initiated in collaboration with the late Prof Zdeněk Burianec in the framework of CHISA congresses

Year	Place	Year	Place
1998	Prague, CZ	2011	Florence, IT
1999	Budapest, HU	2012	Prague, CZ
2000	Prague, CZ	2013	Rhodes, GR
2001	Florence, IT	2014	Prague, CZ
2002	Prague, CZ	2015	Kuching, MY
2003	Hamilton, CA	2016	Prague, CZ
2004	Prague, CZ	2017	Tianjin, CN
2005	G. Naxos, IT	2018	Prague, CZ
2006	Prague, CZ	2019	Crete, GR
2007	Ischia, IT	2020	X'ian, CN
2008	Prague, CZ	2021	Brno, CZ
2009	Rome, IT	2022	Bol, HR
2010	Prague, CZ	2023	Thessaloniki

AIM

The aim of the PRES conferences is to review the latest development and applications of sustainable Process Integration for energy conservation, pollution reduction, waste recycling, product reuse and related topics in a complex and diverse process environment affected by conventional and unpredictable factors and conditions. Advances in systematic analysis tools involving process modelling, data-driven approaches, optimisation, and control. Industrial experience is particularly welcome.

TOPICS

- a) Process Integration for sustainable development
- b) Process analysis, modelling, and optimisation
- c) Total Site Integration
- d) Heat transfer and heat exchangers
- e) Energy saving and clean technologies
- f) Sustainable processing and production
- g) Renewable and high-efficiency utility systems
- h) Footprint minimisation and mitigation
- i) Operations and supply chain management
- j) Waste minimisation, processing and management
- k) Batch process analysis and integration
- l) Process network dynamics, flexibility and control
- m) Industrial implementation and optimisation
- n) Numerical fluid flow and heat transfer simulation
- o) Sustainability and Process Integration teaching, learning and knowledge tools

SPECIAL SESSIONS

- p) SPIL-RESHeat Symposium
- q) Work and Heat Exchanger Networks (tbc)
- r) Optimised Gas Turbines, Thermodynamic Systems and Turbomachinery Applications (tbc)
- s) CO₂ capture, sequestration and utilisation
- t) More Special Sessions are encouraged

IMPORTANT DATES

15 December 2022, Abstract due
31 January 2023, Notification of abstract acceptance
16 March 2023, Full text submission due
15 May 2023, Full text revisions and final acceptance completed



PRESENTATION FORMATS

Invited plenary lectures. Papers submitted will be considered for oral/poster presentations.

ABSTRACTS SUBMISSION

Authors wishing to present a contribution are asked to prepare an abstract (up to 2500 characters). Submission through pres23.certh.gr

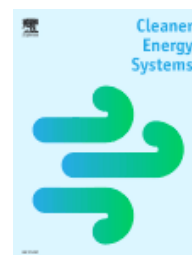
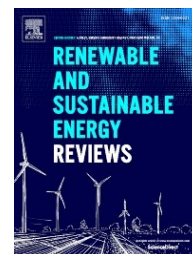
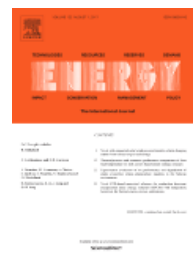
CHEMICAL ENGINEERING TRANSACTIONS

Peer-reviewed accepted 6-page papers may have the option to be published in Chemical Engineering Transactions (CET) www.aidic.it/cet (indexed by SCOPUS and Google Scholar and it adheres to Open Access).

SPECIAL ISSUE PUBLICATIONS

Selected papers will be extended and published in special issues of leading journals in sustainability and energy engineering (list to be confirmed):

- **Journal of Cleaner Production, IF=11.072**, Co-EiC: C. de Almeida, Y. Wang.
- **Energy, IF=8.857**, EiC: H. Lund.
- **Renewable & Sustainable Energy Reviews, IF=16.799**, EiC: A. Foley.
- **Cleaner Engineering and Technology**, EiC: J.J. Klemeš, P. Ocloń
- **Cleaner Energy Systems**, EiC: P. Seferlis, P.S. Varbanov
- **Cleaner Chemical Engineering**, EiC: J.J. Klemeš, M. Zeng



FEES AND REGISTRATION

Registration covers the presentation of maximum 2 papers, of which 1 oral and 1 CET paper. Additional CET papers at extra cost. Further details and updates pres23.certh.gr

Standard registration (on-site and online): TBD
Students (incl. PhD) (on-site and online): TBD

THE BEST POSTER COMPETITION ZDENEK BURIANEC MEMORIAL AWARD

Presenting authors should showcase their work during the conference poster. Authors of the best posters will receive a certificate, Process Integration book, and an invitation to prepare an extended manuscript for a Special Issue.

VENUE AND TRANSPORTATION

Thessaloniki is the second largest Greek city widely known for its multi-cultural history for more than 23 centuries, cosmopolitan way of living with fine gastronomy and entertainment, and innovative spirit. With several UNESCO world heritage sites, a relaxing seafront promenade, and nearby high mountains and exotic beaches, Thessaloniki provides a full experience. The conference venue will be announced in October 2022. Thessaloniki is served by its international Makedonia airport (SKG) with multiple daily connection flights from Athens (ATH) and several other European hubs.

ACCOMMODATION

Accommodation at the conference venue and nearby hotels will be offered as options by the organisers in February 2023.

VISA INFORMATION

Invitation letters will be issued upon request (paid registration is required) by PRES organisers.

