

LAST CALL FOR ABSTRACTS

The 10th International Symposium on Supercritical Water-Cooled Reactors

March 15–19, 2021, Prague, Czech Republic

Objective

The international symposium on SCWRs provides a forum for researchers, engineers, as well as industrial professionals to present their research results, development activities for SCWRs areas, and corresponding technologies. The aims of the symposium are to discuss advancements and issues, to share information and technology transfer, and to establish new relations for future collaborations as well as to fasten the current one.

Participants

The interest of the symposium is to those involved in research and development of SCWR core design, fuel design, materials, chemistry, corrosion, thermal-hydraulics, and safety analysis. The official language of the symposium is English.

The ISSCWR-10 will be organized as the videoconference or webinar as there are a lot of restrictions and uncertainties connected with the COVID-19.

Topics of Interest

- Reactor physics
- Core design, fuel and fuel assembly
- Materials, components and manufacturing
- Water chemistry and corrosion
- Thermal-hydraulics
- Balance of plant and economics
- Safety analysis and passive safety system
- Small modular reactors
- Licensing
- Numerical methods
- Cross cutting issues with other GIV reactor concept
- Other corresponding industrial applications

Abstract submission

Abstracts with no more than 250 words should give a clear indication of the objective, scope, and results so that readers may determine. It is recommended to submit the abstract via specific link on the Symposium webpage. The template is available from the Symposium webpage at <http://isscwr2021.com>.

Important Dates

Abstract submission	October 20, 2020
Draft paper submission	November 30, 2020
Reviewer's comments	January 20, 2021
Final Paper submission	February 15, 2021

Proceedings

- Book of Abstracts
- Submitted papers will be peer-reviewed for Conference proceeding.
- Selected paper will be invited for publication in a special issue of the Journal of Nuclear Engineering and Radiation Science on SCWR technology.

Steering committee

David Guzonas (CNL), Yanping Huang (NPIC), Tatiana Jerremovic (IAEA), Markéta Kryková (CVŘ), Jan Macák (UCT), Ivan Otic (KIT), Gabriel Pavel (ENEN), Thomas Schulenberg (KIT), Marta Serrano (CIEMAT), Jörg Starflinger (IKE), Lori Walters (CNL).

Scientific committee

Walter Ambrosini (UNIP), Xu Cheng (KIT), Azih Chukwudi (CNL), Václav Dostál (CTU), Matthew Edwards (CNL), Elena Manuela Fulger (RATEN ICN), Petr Haušild (UCT), Shuisheng He (USFD), Jana Kalivodová (CVŘ), Atilla Kiss (BME), Michal Košťál (CVŘ), Xiaojing Liu (SJTU), Daniela Marušáková (CVŘ), Guido Mazzini (CVŘ), Armando Nava-Dominguez (CNL), Thambiayah Nitheanandan (CNL), Radek Novotný (JRC), Igor Pioro (UOIT), Alberto Sáez Maderuelo (CIEMAT), Petr Sajdl (UCT), Jan Siegl (CTU), Monika Šípová (CVŘ), Jinguang Zang (NPIC), Zhangjiang Zhou (USTB).

Organizing committee

Monika Šípová (CVŘ), Michal Šafránek (CVŘ), Jana Kalivodová (CVŘ), Daniela Marušáková (CVŘ), Hana Jukličková (UCT).

General Queries

If you have any questions, visit

www.isscwr2021.com

or contact us at e-mail: info@isscwr2021.com
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