

7th IACS WS'22 CFP (Published Version)

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7th IACS WS'22: 7th GI/ACM I4.0 Workshop on Industrial Automation and Control Systems

GI Informatik 2022, University of Hamburg

Hamburg, Germany, September 30, 2022

Submission link	https://easychair.org/conferences/?conf=7thiacs22
Abstract registration deadline	May 25, 2022
Submission deadline	June 25, 2022
Notification of Acceptance deadline	July 3, 2022
Final paper version for LNI proceedings	July 10, 2022

Topics:

[industrial internet of things](#)
[automation and control systems standardization](#)
[cyber security and ai](#)
[smart approaches for manufacturing factories](#)

An important goal of the 7th IACS WS'22 is on how to achieve sustainable Cybersecurity and Safety of Industrial Automation and Control Systems (IACS). Beyond the current development of key industrial standards series IEC 62443 (14 parts) with its 10th anniversary in 2022, Common Criteria Certification, communication infrastructures, integrity of production processes, edge computing, digital twins, IIoT, AI etc. are increasingly important topics! Certification of IACS includes needs from industrial roles of operators, integrators and manufacturers.

Submission Guidelines

All papers must be original and not simultaneously submitted to another journal or conference. The following paper categories are welcome:

- **Full papers** (research) describing technical and standardization issues on Automization and Control of Industrial Systems (IACS) up to 12 pages
- **Short papers** (best practices) describing advanced methods and methodologies based on New Technologies up to 6 pages
- **Posters** (work in progress) describing ideas and approaches under development

Abstract registration comprises title, preliminary list of authors and short summary of the content (max. half a page).

List of Topics

- Automization and Control of Industrial Systems (IACS)
- Digital Twin and Administration Shell applied to IACS
- New Technologies in IIoT, AI, G5 etc. applied to IACS

Committees

Program Committee

- Jan deMeer, ssl.eu GmbH (General Chair)
- Axel Rennoch, Fraunhofer FOKUS (Co-Chair)
- Zhen Ru Dai, Hamburg University of Applied Science (Co-Chair)
- Karl Waedt, Framatome GmbH (Co-Chair)
- Hans-Joachim Hof, Technische Hochschule Ingolstadt
- Olga Meyer Fraunhofer Institute IPA Stuttgart *to be confirmed*
- Scott Cadzow, C3L UK
- Ulrich Seldeslachts, Leuven Belgium (Liaison Chair) *to be confirmed*

Organizing committee

- Jan deMeer, ssl.eu GmbH
- Axel Rennoch, Fraunhofer FOKUS
- Karl Waedt, Framatome GmbH

Publication

7th IACS WS'22 proceedings will be published in LNI Lecture Notes on Computer Science. For short or full papers please use the following templates: [Word](#) (also with [author's instructions](#)).

Venue

The conference will be held in Hamburg at University of Hamburg. For further information please refer to <https://informatik2022.gi.de/en/about/translate-to-englisch-location>.

Contact

All questions about submissions should be emailed to demeer@smartspacelab.de or axel.rennoch@fokus.fraunhofer.de.

Supporter

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- SCI 4.0
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