

SMAIC Special Track – Valencia

Software
Makes
Artificial
Intelligence
Clever

EXPLAINABILITY

The First International Conference on Systems Explainability
November 17, 2024, to November 21, 2024 – Valencia, Spain
<https://www.iaia.org/conferences2024/EXPLAINABILITY24.html>

**SMAIC: Special Track on SW making AI smart –
What SE can do to make AI intelligent?**

*Chair: Dr. Thomas Fehlmann, Academic Member of ATINER, Senior Researcher, Euro Project Office AG,
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We cordially invite you to participate in the Special Track SMAIC at our upcoming EXPLAINABILITY conference, which focuses on Intelligent Systems that combine the power of AI with algorithmically programmed concepts that make them transparent and explains its working to humans.

Examples include combining Lidars with camera-based visual recognition systems, combining and comparing the results of several neural networks, or self-learning intelligent systems that focus their neural networks by empirical confrontation with a physical or a virtual environment, thus developing new skills and capabilities.

Topics for this Special Track include but are not limited to:

1. Design of intelligent and self-learning systems
2. Control combinatorics for assuring quality in Intelligent Systems
3. Using empirical feedback for Learning in Operation
4. Skills localization in Intelligent Systems
5. Explainable AI and its impact on SE

The Special Track provides an ideal platform to present and discuss insights, innovations, and cutting-edge research in the field of building Intelligent Systems that are AI-enabled in a workshop atmosphere. We encourage you to submit both long and short papers and idea papers. In addition, we look forward to demos and posters on current solutions being developed in academia or collaborations with industry.

This workshop welcomes contributions from AI researchers, AI engineers, Python programmers, and SE specialists who want to share their experiences in building AI-enabled intelligent systems.

Contribution Types

- Regular papers [in the proceedings, digital library]
- Short papers (work in progress) [in the proceedings, digital library]
- Posters: two pages [in the proceedings, digital library]
- Posters: slide only [slide-deck posted on www.iaia.org]
- Presentations: slide only [slide-deck posted on www.iaia.org]
- Demos: two pages [posted on www.iaia.org]

Important Datelines

Inform the Chair or Coordinator: As soon as you decide to contribute:

- Submission Oct 3, 2024
- Notification Oct 20, 2024
- Registration Oct 30, 2024
- Camera ready Oct 30, 2024

Note: *The submission deadline is somewhat flexible, providing arrangements are made ahead of time with the chair.*

Paper Format

- See: <https://www.iaia.org/format.html>
- Before submission, please check and comply with the editorial rules: <https://www.iaia.org/editorialrules.html>

Publications

- Extended versions of selected papers will be published in IARIA Journals: <https://www.iaiajournals.org>
- Print proceedings will be available via Curran Associates, Inc.: <https://www.proceedings.com/9769.html>
- Articles will be archived in the Open Access ThinkMind Digital Library: <https://www.thinkmind.org>

Paper Submission

<https://www.iaiasubmit.org/conferences/submit/newcontribution.php?event=EXPLAINABILITY+2024+Special>

Please select Track Preference as SMAIC

Registration

- Each accepted paper needs at least one full registration, before the camera-ready manuscript can be included in the proceedings.
- Registration fees are available at <https://www.iaia.org/registration.html>

Contact

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