

March 20 - 24
2023

The 18th Computer Automated Multi-Paradigm Modelling (CAMPaM) workshop: Model Based Systems Engineering for and by Digital Twins

This workshop aims to further the state-of-the-art in Computer Automated Multi-Paradigm Modelling (CAMPaM) and in particular, its application to the Model-Based Engineering of complex Cyber-Physical Systems using the «twinning» paradigm. We aim to define future directions of this emerging research area by bringing together a mixture of world experts and junior researchers in this field for an intense one-week, by-invitation workshop.

This topic includes, but is not limited to,

- * Investigation of modeling methods and tools for developing digital twins,
- * Evolution of digital twins in the life-cycle of CPSs,
- * Validity of models,
- * Deployment and operation of digital twins,
- * Using digital twins for sustainable CPS operation,
- * Architectural patterns for digital twins,
- * Using digital twins to support continuous integration, deployment, and learning,
- * Leveraging digital twins for dynamic (re)configuration and optimization, as well case studies and experience reports.

Practical Information

The cost for welcome reception, lodging, breakfast and lunch every day, and one dinner at the institute is around 350Eur for the entire week (to be confirmed). This should be paid on-site to the institute. There is also a registration cost which covers the use of the facilities (auditorium, meeting rooms, transport from/to Ajaccio) which will have to be paid to the organizers (with credit card or via bank transfer) before the workshop. This cost depends on the number of participants, but is expected to be around 300Eur. All dinners except one held at the institute will be at restaurants in and around the village of Cargèse will be at your own expense.

Organizers

Joachim Denil (Univ. of Antwerpen)
Hans Vangheluwe (Univ. of Antwerpen)
Andreas Wortmann (Univ. of Stuttgart)

Information :

<http://msdl.uantwerpen.be/conferences/CAMPaM/2023Cargese>
<https://iesc.universita.corsica>



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