




# Knowledge Graph 4S Semantics-driven Systems Engineering



[https://www.omilab.org/activities/events/caise2023\\_kg4sdse/](https://www.omilab.org/activities/events/caise2023_kg4sdse/)

 **Submission Deadline**  
 14. March 2023 **EXTENDED**
 **Decision Notification**  
 04. April 2023

 **Zaragoza, Spain**  
 12./13. June 2023

## Workshop Chairs:

Robert Buchmann, Babeş-Bolyai University, Romania  
 Dimitris Karagiannis, University of Vienna, Austria  
 Dimitris Plexousakis, Institute of Computer Science (FORTH), University of Crete, Greece

## Workshop Program Committee

Shqiponja Ahmetaj, TU Vienna, Austria  
 Nick Bassiliades, Aristotle Uni. Thessaloniki, Greece  
 Sjaak Brinkkemper, Uni. Utrecht, The Netherlands  
 Michael Fellmann, Uni. Rostock, Germany  
 Hans-Georg Fill, Uni. Fribourg, Switzerland  
 Frederik Gailly, Uni. Ghent, Belgium  
 Aurore Gerber, Uni. Pretoria, South Africa  
 Ana-Maria Ghiran, Babeş-Bolyai Uni., Romania  
 Adrian Groza, TU Cluj-Napoca, Romania  
 Marite Kirikova, TU Riga, Latvia  
 Dimitris Kiritsis, EPFL, Switzerland  
 Manolis Koubarakis, Nat. and Kapodistrian Uni. Athens, Greece  
 Jose Emilio Labra Gayo, Uni. Oviedo, Spain  
 Ana León, Uni. Politècnica de València, Spain  
 Andreas Opdahl, Uni. Bergen, Norway  
 Axel Polleres, WU Vienna, Austria  
 Andrea Polini, Uni. Camerino, Italy  
 Achim Reiz, Uni. Rostock, Germany  
 Ben Roelens, Open Uni., The Netherlands  
 Anisa Rula, Uni. Brescia, Italy  
 Maribel Yasmina Santos, Uni. Minho, Portugal  
 Alberto Rodrigues da Silva, Uni. Lisbon, Portugal  
 Steffen Staab, Uni. Stuttgart, Germany  
 Takahira Yamaguchi, Keio Uni., Japan

## Sponsored by:



**GOAL:** to stimulate research work about how Knowledge Graphs can add context and flexibility to information systems, enabling semantic enrichment and reasoning capabilities for their operation or engineering processes.

**FOCUS:** how Knowledge Graphs can be relevant to Information Systems engineering.

## OBJECTIVES:

- investigate the place of Knowledge Graphs in the Conceptual Modeling paradigm and how they can enable new flavors of model-driven engineering.
- discuss application scenarios and engineering methods benefitting from Knowledge Graphs.
- explore the interplay between Knowledge Graphs and other A.I. ingredients for systems engineering purposes.

## Submission via EasyChair (in Springer's LNCS/LNBIP format) of

- **FULL PAPERS** which can be regular research or experience papers (12 pages) or
- **SHORT PAPERS** which can be position or vision papers (6 pages)



## Contact Us

[kgworkshop@omilab.org](mailto:kgworkshop@omilab.org)



## Web Presence Chair

Iulia Vaidian, OMILAB/Uni. Vienna, Austria