

Preface for the International Workshop on Semantic IoT

Fatima Zahra Amara¹

¹ University of Abbes Laghrour, Department of Computer Science and Mathematics, ICOSI Laboratory, Khenchela, Algeria

SIoT-2023 is the 1st International Workshop on Semantic IoT (SIoT-2023), Co-located with the KGSWC-2023. This workshop showcase papers on cutting-edge research projects, emphasizing the integration of semantics in healthcare and highlighting the crucial role of semantic interoperability in enhancing connectivity among IoT devices. Additionally, it will provide insights into addressing challenges in knowledge sharing within the e-health domain. These succinct papers aim to foster discussions and collaboration among researchers, advancing our understanding of the intersection between semantics, artificial intelligence, and specific application domains.

First, our thanks go to the all organizers of the main events and Program Committee members for ensuring a rigorous review process that led to an excellent scientific program and an average of three reviews per article.

SIoT-2023 workshop has received 3 papers and accepted 3 papers after rigorous reviewing process. All accepted papers were long papers. Each paper was reviewed by three reviewers with different backgrounds. The following papers were accepted for publication and presented at the workshop:

- A Semantic AI Conceptual Prototype for the Semantic Cancer Knowledge Framework (SCKF)
- The Importance of Semantic Interoperability in The Internet of Things (IOT)
- Towards a Multi-Viewpoints Ontological Model for Knowledge Sharing in E-health

SIoT-2023: International Workshop on Semantic IoT (SIoT-2023), Co-located with the KGSWC-2023, November 13-15, 2023, Zaragoza, Spain.

✉ f.amara@univ-khenchela.dz (F.Z. Amara)

© 2023 Copyright for this paper by its authors. Use permitted under Creative Commons License Attribution 4.0 International (CC BY 4.0).

CEUR Workshop Proceedings (CEUR-WS.org)



Organizing Committee

- Fatima Zahra AMARA, University of Abbes Laghrour, Khenchela, Algeria
- Mounir Hemam, University of Abbes Laghrour, Khenchela, Algeria

Program Committee

- Bilal Ben Mahria, Independent, Morocco
- Deepak Gerard, Manipal Institute of Technology Bengaluru, Manipal Academy of Higher Education, India
- Fatima Zahra Amara, University of Abbes Laghrour Khenchela, Algeria
- Fernando Ortiz Rodriguez, Universidad Autonoma de Tamaulipas, Mexico
- Lynda Djakhdjakha, University of Guelma, Algeria
- Meriem Djezzar, University of Abbes Laghrour Khenchela, Algeria
- Mounir Hemam, University of Abbes Laghrour Khenchela, Algeria
- Moufida Maimour, University of lorraine, France
- Mouhamed Madani Hafidi, University of Abbes Laghrour Khenchela, Algeria
- Sanju Tiwari, Universidad Autonoma de Tamaulipas, Mexico
- Sven Groppe, University of Lübeck, Germany
- Youcef Bezza, University of Abbes Laghrour Khenchela, Algeria
- Younes Djaghloul, CRP Henri Tudor, Luxembourg
- Zianou Ahmed Seghir, University of Abbes Laghrour Khenchela, Algeria

Acknowledgements The editors would like to wholeheartedly thank supporting keynote, advisory team, authors, the program committee and other organizers for their constant support to make this event successful.