

Proceedings of the 6th International Workshop on Semantic Web Solutions for Large-scale Biomedical Data Analytics - SeWebMeDa-2023

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Abstract

This preface summarises the first Workshop on 6th International Workshop on Semantic Web Solutions for Large-scale Biomedical Data Analytics (SeWebMeDa-2023), a co-event with The ESWC 2023: Extended Semantic Web Conference, held on May 29th 2023 in Hersonissos, Greece.

1. Introduction


The sixth edition of this International workshop invites papers for life sciences and biomedical data processing, as well as the amalgamation with Linked Data and Semantic Web technologies for better data analytics, knowledge discovery and user-targeted applications. This research contribution should provide useful information for the Knowledge Acquisition research community as well as the working Data Scientist. This workshop at the Extended Semantic Web Conference (ESWC) seeks original contributions describing theoretical and practical methods and techniques that present the anatomy of large-scale linked data infrastructure, which covers: the distributed infrastructure to consume, store and query large volumes of heterogeneous linked data; using indexes and graph aggregation to better understand large linked data graphs, query federation to mix internal and external data sources, and linked data visualisation tools for health care and life sciences. It will further cover topics around data integration, data profiling, data curation, querying, knowledge discovery, ontology mapping / matching / reconciliation and data / ontology visualisation, applications / tools / technologies / techniques for life sciences and the biomedical domain. SeWebMeDa aims to provide researchers in biomedical and life science, an insight and awareness about large-scale data technologies for linked data, which are becoming increasingly important for knowledge discovery in the life sciences domain.

SeWebMeDa-2023: 6th International Workshop on Semantic Web solutions for large-scale biomedical data analytics, May 29, 2023, Hersonissos, Greece

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 CEUR Workshop Proceedings (CEUR-WS.org)

2. Organisation

2.1. Workshop Chairs

- Ali Hasnain, Royal College of Surgeon, Ireland.
- Tracy Robson, Royal College of Surgeon, Ireland.
- Michel Dumontier, Maastricht University, Maastricht, Limburg, NL.
- Alba Morales Tirado, The Open University, United Kingdom.
- Dietrich Rebholz-Schuhmann, ZB MED, Cologne, DE.

2.2. Programme Committee

- Ali Hasnain, Royal College of Surgeon, Ireland
- William Van Woensel, University of Ottawa
- Holger Stenzhorn, University of Tübingen
- Shruthi Chari, Rensselaer Polytechnic Institute
- Catia Pesquita, LaSIGE, Faculdade de Ciências, Universidade de Lisboa
- Dietrich Rebholz-Schuhmann, Cologne, DE
- Michel Dumontier, Maastricht University, NL
- Sabbir Rashid, Rensselaer Polytechnic Institute
- Mikel Egaña Aranguren, University of Basque Country (UPV/EHU)