MEPDaW Chairs' Welcome

It is our great pleasure to welcome you to the 5th workshop on Managing the Evolution and Preservation of the Data Web, *WWW 2019 MEPDaW*.

The workshop aims at addressing challenges and issues on managing Knowledge Graph evolution and preservation by providing a forum for researchers and practitioners to discuss, exchange and disseminate their ideas and work, to network and cross-fertilise new ideas.

We received 6 submissions from all around the world covering a broad range of topics. We evaluated them regarding relevance, quality, and novelty, selecting 5 papers. We invited 2 extended abstracts from the recent Special Issue of the Journal of Web Semantics on Managing the Evolution and Preservation of the Data Web (January 2019). In addition, Laure Berti-Équille will give an inspiring talk, and we will close the workshop with a plenary discussion. Thus, MEPDaW includes the following talks:

- **ML-Based Knowledge Graph Curation: Current Solutions and Challenges (Keynote)**
  Laure Berti-Équille (IRD / Aix-Marseille Université)

- **RDF Graph Stores as Convergent Datatype Instances**
  James Anderson (Datagraph GmbH)

- **Modelling the Provenance of Linked Data Interlinks for the Library Domain**
  Lucy McKenna (ADAPT, Trinity College Dublin); Christophe Debruyne (ADAPT, Trinity College Dublin); Declan O'Sullivan (ADAPT, Trinity College Dublin)

- **Conflict Detection, Avoidance, and Resolution in a Non-Linear RDF Version Control System: The Quit Editor Interface Concurrency Control**
  Natanael Arndt (AKSW Leipzig Univ.); Norman Radtke (AKSW Leipzig Univ.)

- **Open traffic lights: a strategy for publishing and preserving traffic lights data**
  Brecht Van de Vyvere (Ghent Univ.); Pieter Colpaert (Ghent Univ.); Ruben Verborgh (Ghent Univ.)

- **Summarizing Entity Temporal Evolution in Knowledge Graphs**
  Mayesha Tasnim (RWTH Aachen); Diego Collarana (Fraunhofer IAIS); Damien Graux (Fraunhofer IAIS); Fabrizio Orlandi (ADAPT, Trinity College Dublin); Maria-Esther Vidal (Univ. Simon Bolivar and TIB)

- **Decentralized Collaborative Knowledge Management using Git (Extended Abstract)**
  Natanael Arndt (AKSW Leipzig Univ.); Patrick Naumann (AKSW Leipzig Univ.); Norman Radtke (AKSW Leipzig Univ.); Michael Martin (AKSW Leipzig Univ.); Edgard Marx (AKSW Leipzig Univ.)

- **TISCO: Temporal Scoping of Facts (Extended Abstract)**
  Anisa Rula (Univ. Milano-Bicocca); Matteo Palmonari (Univ. Milano-Bicocca); Simone Rubinacci (Univ. Oxford); Axel-Cyrille Ngonga Ngomo (Paderborn Univ.); Jens Lehmann (Univ. Bonn); Andrea Maurino (Univ. Milano-Bicocca); Diego Esteves (Univ. Bonn)

We hope that you will find the workshop program interesting. Fostering active usage of evolving knowledge graphs requires further research advances on topics such as storage, synchronisation, change representation and querying. Solutions to these problems correspond to the main subjects of interest of the workshop.

Javier D. Fernández
MEPDaW Co-Chair

Jeremy Debattista
MEPDaW Co-Chair

Fabrizio Orlandi
MEPDaW Co-Chair

Maria-Esther Vidal
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MEPDaW Organization

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