Reasoning on Data Workshop
(RoD 2018) Chairs' Welcome

It is our great pleasure to welcome you to the WWW 2018 Reasoning on Data Workshop. This workshop will gather people on a timely issue at the crossroad on knowledge representation and reasoning, data management, and the Semantic Web: How to use knowledge to make better use of data? The workshop will more precisely focus on reasoning techniques that allow us to exploit domain knowledge in data access. An emblematic task is query answering, but knowledge can be exploited within the whole data lifecycle.

We received nine paper submissions, of which five were selected by the program committee and will be presented at the workshop:

- Web Reasoning Using Fact Tagging

- Towards a Benchmark for Fact Checking with Knowledge Bases

- Evaluation of Query Transformations without Data

- The Data Complexity of Answering Instance Queries in FL0

- Distribution of Semantic Reasoning on the Edge of Internet of Things

The program will also feature a keynote talk by Franz Baader:

- Extending Ontology-Based Data Access to Support Situation Recognition

All these talks will address different facets of reasoning on data. We hope that they will generate interesting discussions and simulate exchanges among the participants.

Finally, we want to mention that this workshop is linked to a French national action launched in 2016, also named "Reasoning on data", common to CNRS research groups Artificial Intelligence and Data Science (MaDICS).

Marie-Laure Mugnier   **Catherine Roussey**

RoD Chair   *RoD Chair*

Montpellier University   *Irstea Clermont-Ferrand*

Pierre Senellart

RoD Chair

ENS, PSL Research University

Reasoning on Data (RoD 2018) Workshop Organization

Workshop Chairs: Marie-Laure Mugnier (University of Montpellier, France)
Catherine Roussey (Irstea, France)
Pierre Senellart (ENS, PSL Research university, France)

Program Committee: Elena Botoeva (Free University of Bozen-Bolzano, Italy)
Laurence Boudet (CEA, LIFT, France)
Alain Bouju (University of La Rochelle, France)
Zied Bouraoui (University of Artois, France)
Jean-Paul Calbimonte (University of Applied Sciences and Arts Western Switzerland, Switzerland)
David Carral (TU Dresden, Germany)
Pierre-Antoine Champin (University Claude Bernard Lyon 1, France)
Catherine Faron-Zucker (University of Nice Sophia Antipolis, France)
Raùl Garcia Castro (Polytechnic University P of Madrid, Spain)
Matthew Horridge (Stanford University, USA)
Markus Krötzsch (TU Dresden, Germany)
Frédérique Laforest (Télécom Saint-Étienne, France)
Freddy Lecué (Accenture, Ireland)
Odile Papini (University of Aix-Marseille, France)
François Pinet (Irstea, France)
Simon Razniewski (Max-Planck Institute for Informatics, Germany)
Federico Ulliana (University of Montpellier, France)