Opening Ceremony

The ESWC 2020 Organising Committee

ESWC 2020

Innovations for Man and Machine!

Innovation for Man: Hangouts

- Rooms to mingle with other participants for coffee breaks, lunch breaks and impromptu BYOB sessions

- HANGOUT Arcade: Computer and video games
- HANGOUT Crete: Teaching, education, reading, writing, and philosophy
- HANGOUT Digital Roundabout: Research and development, technology
- HANGOUT Guiana: Science, technology, engineering, mathematics, and aviation
- HANGOUT Quad: University life
- HANGOUT Silicon Valley: Computers, hardware, programming, and technology

Innovation for Machine:
https://query.2020.eswc-conferences.org/

Conference-related Linked Data:

- Organising committee
- Workshops and tutorials
- Conference program
- Submissions
- (Open) reviews
- Proceedings

Example queries:

- Accepted papers
- Non-anonymous reviewers
- Submissions by track
- Organisation committee
- …

Share your queries!

https://query.2020.eswc-conferences.org/

Ruben Taelman
(Ghent University)

Let me take you on a journey (virtually)

- Vienna or Paderborn?

- Milano or Mannheim?

- San Jose or Walldorf?

- Linköping or Aalborg?

- Bologna or Nice?

- Karlsruhe or Vienna?

- Basel or Vienna?

- Nuremberg or Nuremberg?

Sponsors

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ELSEVIER

Institut "Jožef Stefan" Ljubljana, Slovenija

videolectures.net
exchange ideas & share knowledge

Victor Charpenay

(Friedrich-Alexander University Erlangen-Nuremberg)

metaphacts

Springer

Vienna or Paderborn?

Research Track
Sabrina Kirrane, Axel Ngonga

Research: Track Overview

Ontologies and Reasoning

NLP and IR

Semantic Data Management & Data Infrastructures

Social and Human Aspects

Machine Learning

Distribution and Decentralization

Science of Science

Security, Privacy, Licensing and Trust
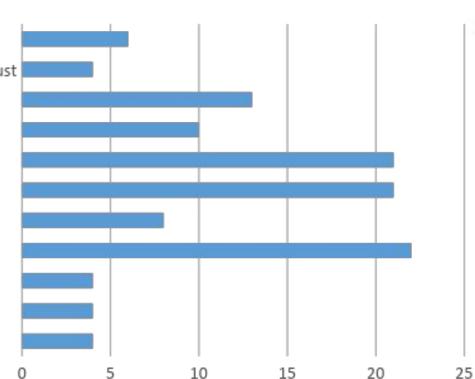
Knowledge Graphs

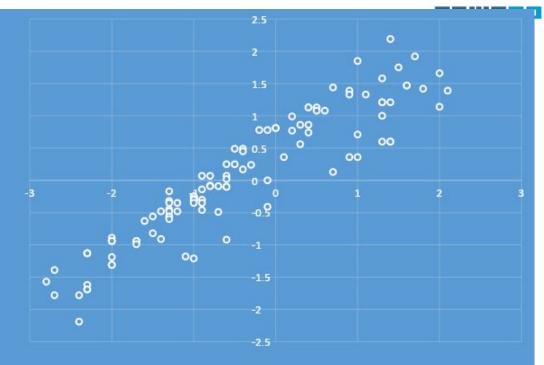Integration, Services and APIs

Research: Tracks

Research: Submissions

- 10 tracks

- 117 submissions

- 239 reviewers

- 3+ reviews/paper

- 26 accepted papers

Research: Best Paper Candidates

- **Modular Graphical Ontology Engineering Evaluated**
  Karl Hammar, Cogan Shimizu and Pascal Hitzler
- **Hybrid Reasoning Over Large Knowledge Bases Using On-The-Fly Knowledge Extraction**
  Giorgos Stoilos, Damir Juric, Szymon Wartak, Claudia Schulz and Mohammad Khodadadi
- **Entity Summarization with User Feedback**
  Qingxia Liu, Yue Chen, Gong Cheng, Evgeny Kharlamov, Junyou Li and Yuzhong Qu

Milano or Mannheim?

Resource Track
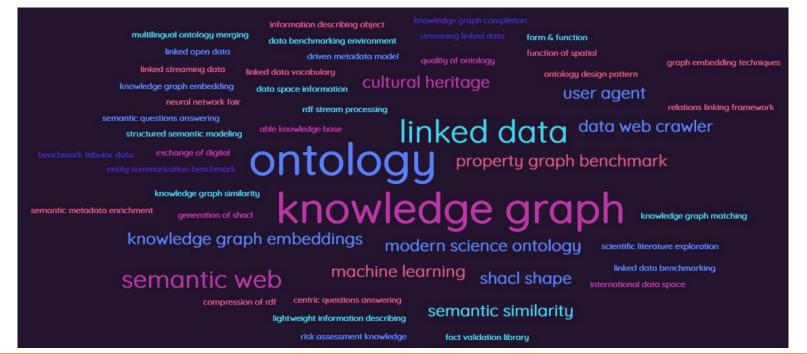
Anisa Rula

Heiko Paulheim

Resource Track in Numbers

- 31 submissions
- 51 PC members, plus 6 subreviewers
- 93 reviews

thank you!

- eight papers accepted (acceptance rate 26%)
- high competition overall

Resource Track in Topics

Resource Track Best Paper Nominees

- ***MetaLink: A Travel Guide to the LOD Cloud***

  Wouter Beek, Joe Raad, Erman Acar and Frank Van Harmelen.

- ***VQuAnDa: Verbalization QUestion ANswering DAtaset***

  Endri Kacupaj, Hamid Zafar, Jens Lehmann and Maria Maleshkova.

- ***ESBM: An Entity Summarization BenchMark***

  Qingxia Liu, Gong Cheng, Kalpa Gunaratna and Yuzhong Qu.

- ***A Modular and Extensible Evaluation Framework for Graph Embedding Techniques***

  Maria Angela Pellegrino, Abdulrahman Altabba, Martina Garofalo,

  Petar Ristoski and Michael Cochez.

San Jose or Walldorf?

In-Use Track

Anna Lisa Gentile

Peter Haase

In-Use Track in Numbers

- 18 submissions
- 36 PC members and 2 subreviewers
- 54 reviews

- 5 papers accepted (acceptance rate 28%)
- highly competitive track this year

In-Use Track Best Paper Nominees

- **Supporting complex decision making by semantic technologies**

  Stefan Fenz.

- **Piveau: A Large-scale Open Data Management Platform based on Semantic Web Technologies**

  Fabian Kirstein, Kyriakos Stefanidis, Benjamin Dittwald, Simon Dutkowski, Sebastian Urbanek and Manfred Hauswirth.

Linköping or Aalborg?

Workshops and Tutorials

Katja Hose

Olaf Hartig

Workshops and Tutorials in Numbers

- Tutorials
  - 8 proposals
  - 4 accepted (3 half-day, 1 full-day)

- Workshops
  - 1 invited (DL4KG)
  - 6 proposals
  - all accepted, but one of them later canceled
  - thus, 6 workshops in the conference (4 half-day, 2 full-day)

Tutorials

- Modular Ontology Engineering with CoModIDE
  - today in the afternoon

- Constructing Question Answering Systems over Knowledge Graphs
  - tomorrow, full day

- Example-based Exploration: Exploring Knowledge through Examples
  - tomorrow morning

- Entity Summarization in Knowledge Graphs: Algorithms, Evaluation, and Applications
  - tomorrow afternoon

Workshops Today

- WHiSe: 3rd Workshop on Humanities in the Semantic Web
  - full day

- DL4KG: 2nd Workshop on Deep Learning for Knowledge Graphs
  - full day

- IOT4SAFE: 1st Workshop on IoT infrastructures for safety in pervasive environments
  - morning

Workshops Tomorrow

- **SeDiT: International Workshop on Semantic Digital Twins**
  - morning

- **CLEOPATRA: Workshop on Cross-lingual Event-centric Open Analytics**
  - afternoon

- **LASCAR: 2nd Workshop on Large Scale RDF Analytics**
  - afternoon

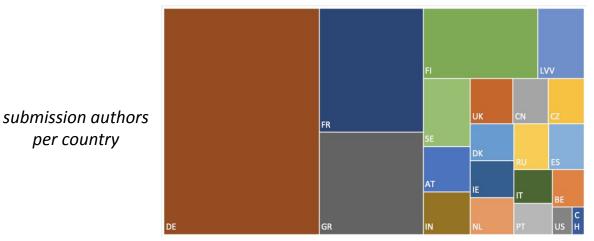# Bologna or Nice?

Posters and Demos

Valentina Presutti

Raphaël Troncy

Posters and Demos: submissions

- 59 submissions
- 43 PC members + 8 external reviewers (180 reviews)
- 3 reviews per submission

submission authors per country

Accepted posters and demos

- 36 accepted papers (0.61 acceptance rate)

authors per country

Poster and Demo Session

Watch the famous minute madness:

- anytime at http://videolectures.net/eswc2020_minute_madness/
- broadcasted live tomorrow (Wednesday) at 09:00am

12 poster rooms: each room is a cluster of 3 poster / demos

See: https://2020.eswc-conferences.org/posters-and-demos/

Session will run for 2 hours on Thursday from 14:00 to 16:00

Best poster nominees

A Collection of Benchmark data sets for Knowledge Graph-based Similarity in the Biomedical Domain

Carlota Cardoso, Rita Sousa, Sebastian Köhler and Catia Pesquita

Publishing and Using Legislation and Case Law as Linked Open Data on the Semantic Web

Eero Hyvönen, Minna Tamper, Esko Ikkala, Sami Sarsa, Arttu Oksanen, Jouni Tuominen and Aki Hietanen

Entity Typing based on RDF2Vec using Supervised and Unsupervised Methods

Radina Sofronova, Russa Biswas, Mehwish Alam and Harald Sack

Best demo nominees

CounQER: A System for Discovering and Linking Count Information in Knowledge Bases

Shrestha Ghosh, Simon Razniewski and Gerhard Weikum

LinkedPipes Applications - Automated Discovery of Configurable Linked Data

Jakub Klímek, Altynbek Orumbayev, Marzia Cutjar, Esteban Jenkins, Ivan Latták, Alexandr Mansurov and Jiří Helmich

STILTool: a Semantic Table Interpretation evaLuation Tool

Marco Cremaschi, Alessandra Siano, Roberto Avogadro, Ernesto Jimenez-Ruiz and Andrea Maurino

LODsyndesisIE: Entity Extraction from Text and Enrichment using Hundreds of Linked Datasets

Michalis Mountantonakis and Yannis Tzitzikas

Karlsruhe or Vienna?

Ph.D. Symposium

Maribel Acosta

Axel Polleres

Ph.D. Symposium in Numbers

- 11 submissions
- 13 PC members

- 7 papers accepted
- 7 mentors

Ph.D. Symposium Topics

Special thanks to the PC members and mentors!

Basel or Vienna?

General Info

Program Chairs:

Javier D. Fernández

Josiane X. Parreira

Industry Track

- 6 submissions, 4 accepted
  - Extended version will be part of the Satellite Proceedings
- Live session
  - June 4th, 10:00 - 11:00 CEST
  - Authors will give a 10min presentation, followed by 5min Q&A

Special thanks to the PC members!

Nuremberg or Nuremberg?

Proceedings Chair

Michael Cochez

(VU Amsterdam)

Publicity and Web Presence

Uldis Bojārs

(University of Latvia and National Library of Latvia)

Valentina Ivanova

(RISE Research Institutes of Sweden)

Web and Social Media

Conference hashtag: #eswc2020

- Website: https://2020.eswc-conferences.org/

- Twitter: https://twitter.com/eswc_conf

- Facebook: https://www.facebook.com/ESWCCONF

- LinkedIn: https://www.linkedin.com/groups/8843932/

The Virtual Conference Site

- Marija Komatar, PITEA
- Matija Ovsenek, Videolectures
- Franc Dolenc
- and many others

Enjoy!

- Workshops, Tutorials, PhD Symposium
- Discussion rounds for main track papers, industry track papers and posters and demos
- Keynotes, Panel
- Closing Ceremony (with awards!)
- Town Hall meeting on Friday with General Chair, Programme Chairs, Marija Komatar and John Domingue for STI

Add a profile picture and hang out!