

Dagstuhl Seminar 22372

Knowledge Graphs and their Role in the Knowledge Engineering of the 21st Century

Day 1: 12.09.2022

09:30 - 10:00 Welcome and agenda setting by the organisers (organisers)

10:00 - 10:45 Invited talks

- A brief history of knowledge engineering (30 minutes talks, 15 minutes discussion)
- Speakers: Bradley Allen, Deborah McGuinness
- Chair: Paul Groth

10:45 - 11:00 Coffee break

11:00 - 12:15 Lightning talks

- 2 minutes with or without slides
- Add your slides by 11 September 17:00.
- Chair: Marieke van Erp

12:15 - 13:00 Lunch break

13:00 - 13:30 Deep dives I

- DD1: Automated knowledge graph construction (15 minutes talk, 15 minutes discussion)
- Speaker: Lise Stork, VU Amsterdam

13:30 Group Picture

13:30 - 15:30 Breakout groups discussing DD1 topics

15:30 - 16:00 Coffee break

16:00 - 16:45 Reports from the group discussions, wrap up Day 1

18:00 - 19:00 Dinner

Day 2: 13.09.2022

09:45 - 10:00 Agenda setting for the day (organisers)

10:00 - 10:45 Invited talks

- Knowledge graphs as knowledge engineering in the 21st century (30 minutes talks, 15 minutes discussion)
- Speakers: Denny Vrandecic, Elena Simperl
- Chair: Paul Groth

10:45 - 11:00 Coffee break

11:00 - 12:00 Deep dives II

- DD2: Tools and UX for knowledge engineering (15 minutes talk, 15 minutes discussion)
 - Speaker: Filip Ilievski, University of Southern California
- DD3: Social and technical biases in knowledge graphs (15 minutes talk, 15 minutes discussion)
 - Speaker: Harald Sack, FIZ Karlsruhe
- Chair: Denny Vrandecic

12:00 - 12:15 Discussion of the Dagstuhl report structure (organisers)

12:15 - 13:00 Lunch break

13:00 - 15:30 Breakout groups discussing DD2 and DD3 topics

15:30 - 15:45 Coffee break

15:45 - 16:45 Reports from the group discussions, Dagstuhl report writing team, wrap up Day 2

18:00 - 19:00 Dinner

Day 3: 14.09.2022

09:45 - 10:00 Agenda setting for the day (organisers)

10:00 - 11:30 Breakout sessions: writing the report

11:30 - 12:00 Feedback, next steps, closing (organisers)

12:15 - 13:00 Lunch and departure