COYPU

eSWC23

Second International Workshop on Linked Data-driven Resilience Research 2023

D2R2'23

Cognitive Economy Intelligence Platform for resilience of economic ecosystems
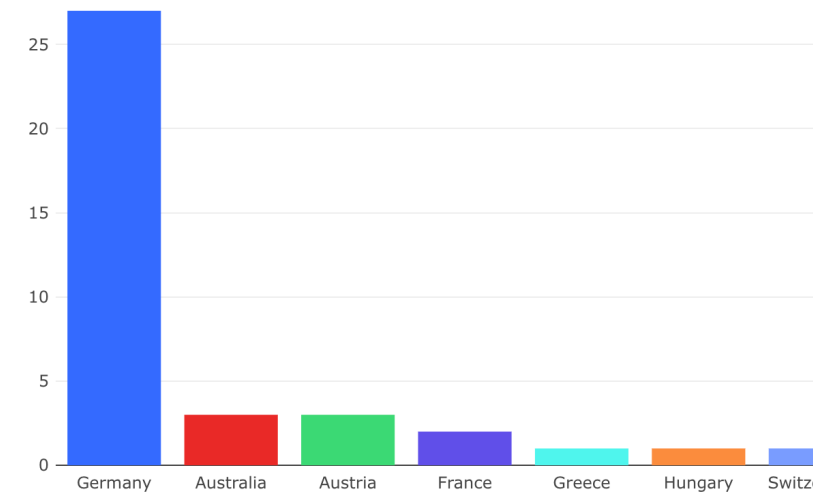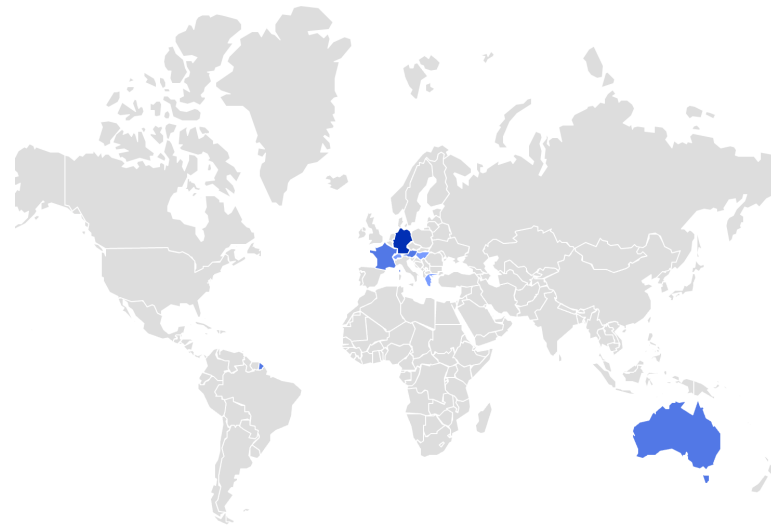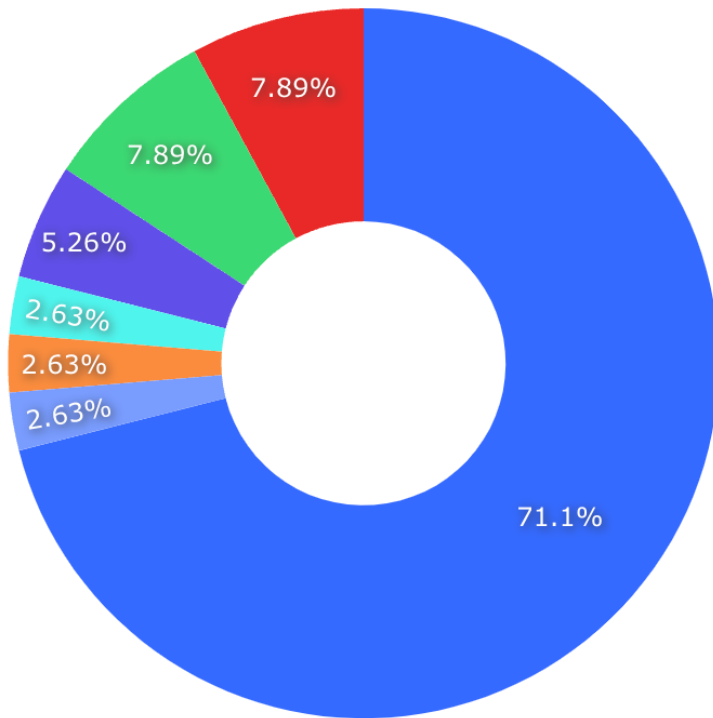
Author Affiliations per Country

Thank you!

- Allard Oelen
- Angelie Kraft
- Antonin Delpeuch
- Cedric Möller
- Edgard Marx
- Eva Hoerster
- Felix Engel
- Julia Gastinger
- Junbo Huang

- Lars-Peter Meyer
- Magnus Knuth
- Maria-Esther Vidal
- Marvin Hofer
- Michael Martin
- Nenad Krdavac
- Norman Radtke
- Patrick Westphal
- Sabine Gründer-Fahrer
- Simon Bin

For the workshop, we received a total of 11 contributions, out of which 7 were selected to be included in the proceedings. These are 6 full papers and 1 short paper.

D2R2 2023
Linked Data-driven Resilience Research 2023

Proceedings of the Second International Workshop on Linked Data-driven Resilience Research 2023 co-located with Extended Semantic Web Conference 2023 (ESWC 2023)

Hersonissos, Greece, May 28, 2023.

Edited by

Sebastian Tramp * ******
Ricardo Usbeck ** ******
Natanael Arndt * ******
Julia Holze *** *******
Sören Auer **** *****

📢 **09:10 - Keynote**

Knowledge Graphs for Global Events and Trade by Simon Gottschalk (Research group leader at the L3S Research Center, Leibniz Universität Hannover)

📺 **09:30 - Session 1 (Chair: Natanael Arndt)**

- 09:30 - **Dynamic Representations of Global Crises: Creation and Analysis of a Temporal Knowledge Graph for Conflicts, Trade and Value Networks** by Julia Gastinger, Nils Steinert, Sabine Gründer-Fahrer, Michael Martin (📄Download)
- 09:50 - **From Data to Insights: Constructing Spatiotemporal Knowledge Graphs for City Resilience Use Cases** by Amin Anjomshoaa, Hannah Schuster, Johannes Wachs, Axel Polleres (📄Download)
- 10:10 - **Base Platform for Knowledge Graphs with Free Software** by Simon Bin, Claus Stadler, Norman Radtke, Kurt Junghanns, Sabine Gründer-Fahrer, Michael Martin (📄Download)

☕ **10:30 - Coffee Break**

📺 **11:00 - Session 2 (Chair: Michael Martin)**

- 11:00 - **Truth or Dare: Investigating Claims Truthfulness with ClaimsKG** by Susmita Gangopadhyay, Katarina Boland, Danilo Dessí, Stefan Dietze, Pavlos Fafalios, Andon Tchechmedjiev, Konstantin Todorov, Hajira Jabeen (📄Download)
- 11:20 - **Wildfire Prediction using Spatio-Temporal Knowledge Graphs** by Martin Böckling, Heiko Paulheim, Sarah Detzler (📄Download)
- 11:40 - **A Knowledge Graph Perspective on Supply Chain Resilience** by Yushan Liu, Bailan He, Marcel Hildebrandt, Maximilian Buchner, Daniela Inzko, Roger Wernert, Emanuel Weigel, Dagmar Beyer, Martin Berbalk, Volker Tresp (📄Download)
- 12:00 - **A News Recommendation System for Environmental Risk Management** by Hamed Aboutorab, Ran Yu, Alishiba Dsouza, Morteza Saberi, Omar Khadeer Hussain (📄Download)

🍽 **12:30 - Lunch**