



ER2022



41st International Conference on Conceptual Modeling

October 17-20, 2022

Hosted by IIIT Hyderabad, INDIA

The conference will be held in Fully online (VIRTUAL) mode.

Homepage: <https://er2022web.github.io/ER2022/index.html>

Theme: **Conceptual modeling to support Big Data Analytics and AI**

Program Highlights

Keynotes

Wolfgang Maaß : Conceptual Modelling in the Age of Artificial Intelligence and Quantum Computing

Bas van Gils : In an increasingly digital world, you have to put the people first

Pankaj Jalote : Modeling and Software

Ashish Kundu : Threat Intelligence Modeling using Graphs

Accepted Papers

19 Full Papers, 11 Short papers

Tutorials

Rik Eshuis : **Modeling Knowledge-intensive Processes**

Peter Fettke & Wolfgang Reisig : **Heraklit: Modeling computer-integrated systems in the era of "digital first"**

Sreedhar Reddy : **Modeling for Materials Engineering**

Kristina Rosenthal, Estefanía Serral, Monique Snoeck & Stefan Strecker : **Teaching Conceptual Modeling in the Light of Learning Paradigms**

Tony Clark, Balbir Barn & Souvik Barat : **A Model Based Approach to Simulation and Digital Twins**

ER Forum

13 Forum papers: 9 Full Forum Papers, 3 Tool Demos, 1 Vision Paper

In 2 Sessions: Conceptual Modeling Vision and Frameworks; Foundations and Tools

Workshops

3rd International Workshop on Conceptual Modeling for Life Sciences (CMLS 2022)

5th International Workshop on Empirical Methods in Conceptual Modeling (EMPER 2022)

15th International i* Workshop (istar 2022)

1st International Workshop on Digital Justice, digital law and conceptual Modeling (JUSMOD 2022)

Panel

(Chair: Sudha Ram)

Industrial Round table

(Chairs: Aditya Ghose and Henderik Proper)

Doctoral Consortium

3 Doctoral papers