

Norsk Informatikkonferanse (NIK) 2022 Forord

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NIK (Norsk Informatikkonferanse) is a national conference that aims to spread the knowledge of research and advanced development work in the field of informatics. The conference encourages the submission of papers from various genres and topics within theoretical and applied informatics. NIK welcomes diversity and cross-disciplinary approaches in methodological techniques and application areas.

Since 1988, NIK has been held annually. The 35th edition of NIK was a part of the NIKT 2022 conference, hosted by Faculty of Social Sciences, Department of Information Systems and Faculty of Engineering and Science, Department of Information and Communication Technology, at the University of Agder, Kristiansand.

We would like to thank the authors for their submitted contributions and the programme committee for reviewing and discussion of the submitted papers.

Accepted papers

NIK is recognized as a level one publication channel in the Norwegian Register for Scientific Journals, Series, and Publishers. The proceedings are published in the Open Journal Systems hosted by Unit. This year, 10 regular papers were submitted to NIK, and after a thorough review process, where each paper was reviewed by at least three members of the programme committee, eight papers were accepted for publication.

- Tord Hettervik Frøland, Ilona Heldal, Gry Sjøholt and Elisabeth Ersvær. Exploring 360°-videos as Realistic Game-based Learning Environments for Work Placement Preparation
- Betül Bayrak and Kerstin Bach. When to Explain? - Model Agnostic Explanation Using a Case-based Approach and Counterfactuals
- Trond Steihaug. Fibonacci and digit-by-digit computation; An example of reverse engineering in computational mathematics
- Anastasiia Klimashevskaya. Popularity Bias as Ethical and Technical Issue in Recommendation: A Survey
- Yuan Lin, Shaomin Xie, Jari Korhonen, Juan Liu, Xiangrong Liu, Junyong You and Debasish Ghose. Identifying Pufferfish Species Using Deep Neural Networks And Face Embedding Method

- Bahareh Fatemi, Fazle Rabbi and Bjornar Tessem. Fairness in automated data journalism systems
- Emil Andersen and Frank T. Johnsen. Evaluating Publish/Subscribe Protocols for use in Constrained Networks
- Joachim Kristensen, Robin Kaarsgaard. and Michael Kirkedal Thomsen Branching execution symmetry in Jeopardy by available implicit arguments analysis

Bergen

March 2023

Adrian Rutle (programme committee chair)

NIK programme committee

- Kerstin Bach, Norwegian University of Science and Technology
- Reggie Davidrajuh, University of Stavanger
- Marius Geitle, Østfold University College
- Terje Gjøsæter, University of Agder
- Nils Gruschka, University of Oslo
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