

# The Norwegian Conference for Organizations' Use of IT (NOKOBIT) 2024 Preface

Duc-Tien Dang-Nguyen<sup>1</sup> and Miroslav Bachinski<sup>1</sup>

ductien.dangnguyen@uib.no, miroslav.bachinski@uib.no  
University of Bergen, Norway

## Welcome to NOKOBIT 2024!

This is the 32nd Norsk Konferanse for Organisasjoners Bruk av Informasjonsteknologi (Norwegian Conference for Organizations' Use of IT - NOKOBIT) since its inception in 1993. In 2024, NOKOBIT takes center stage as one of the four primary tracks at the prestigious 36th Norwegian ICT Conference for Research and Education (NIKT 2024), hosted by the Department of Information Science and Media Studies (INFOMEDIA) at the University of Bergen, Norway.

NOKOBIT 2024 covers a broad range of topics, focusing on the development, implementation, and use of ICT in organizations, while also addressing sustainability and societal issues. The conference serves as a collaborative platform for researchers and practitioners to share and expand knowledge in these critical areas.

NOKOBIT 2024 received 27 full paper submissions, of which 15 were accepted for oral presentations and one for a poster presentation. All submissions underwent a rigorous blind peer review process, with each paper evaluated by two to four independent reviewers. We extend our sincere gratitude to everyone who submitted their work.

Our heartfelt thanks also go to the program committee members and reviewers for their essential role in assessing the submissions. Additionally, we express our appreciation to the NIKT chairs, the local organizing committee, and especially Fazle Rabbi, for their exceptional contributions in making this conference possible.

Welcome, and we hope you have an inspiring and productive conference!

Duc-Tien Dang-Nguyen & Miroslav Bachinski  
*NOKOBIT 2024 Chairs*

## Accepted Papers

- *Dorthea Mathilde Kristin Vatn and Patrick Mikalef*, Explainable AI (XAI) in a societal citizen perspective – power, conflicts, and ambiguity.
- *Egil Øvrelid and Zhiyi Wang*, Restructuring Digital Infrastructures: Architectural Transformation through Sociotechnical Interplay in large-scale incumbent organizations.
- *Israt Tabassum and Vimala Nunavath*, A Deep-Learning Based Approach for Multi-class Cyberbullying Classification Using Social Media Text and Image Data.
- *Karianne Klovning, Hedda Haugland Svåsand and Kjersti Berg Danilova*, Kunstig intelligens og kreativitet.
- *John Krogstie*, Using Techniques from Neuroscience in Information Systems Modelling Research: A Systematic Mapping Study.
- *Mathias Oppedal Heggelund, Syed Sajid Hussain and Babak A. Farshchian*, Information overload – A case study of using an integrated electronic health record system in the emergency room.
- *Kjersti Berg Danilova and Astrid Klotz*, Managing responsible AI in organizations.
- *Dimitra Chasanidou, Costas Boletsis and John Krogstie*, “It should last long without harming the environment”: perspectives on sustainability in an environmental and historical project.
- *Bjørnar Tessem and Aida Ashrafi*, Collective Anomaly Detection in Fisheries.
- *Johannes Skivdal, Laurence Dierickx and Duc-Tien Dang-Nguyen*, VeriDash: An AI-Driven, User-Centric Open Source Dashboard for Enhancing Multimedia Verification.
- *Kristine Steen-Tveit, Bjørn Erik Munkvold and Bente Skattør*, Enhancing Team Situational Awareness in Crime Scene Investigation through the Use of Head Cameras.
- *Ivar Mykkeltvedt and Andreas L Opdahl*, How do Norwegian enterprises create awareness of cyber security?
- *Camille Sivelse, David Palma and Katrien De Moor*, Extended Reality in critical sectors: Exploring the use cases and challenges.
- *Magnus Ulvestad Paulsen and Jefferson Seide Molléri*, Algorithmic Profiling in the Workplace: Employee Perceptions and Technostress.
- *Miriam Lande and Dag Håkon Olsen*, The pandemic and the digitalization of Norwegian enterprises.

## Accepted Posters

- *John Krogstie* Anvendelse av kunstig intelligens (KI) i Norge: Rapport fra nasjonale spørreundersøkelser.

## PC Members and Reviewers

- *Margunn Aanestad*, University of Oslo
- *Miroslav Bachinski*, University of Bergen
- *Eivind Brevik*, Westerdals Oslo School of Arts, Communication and Technology (WOACT)
- *Alma Leora Culen*, University of Oslo, Department of Informatics
- *Duc-Tien Dang-Nguyen*, University of Bergen
- *Kjersti Berg Danilova*, NHH Norwegian School of Economics
- *Torgeir Dingsøy*, Norwegian University of Science and Technology
- *Debasish Ghose*, Kristiania University College
- *Tor Gjøsæter*, Ilder AS
- *Laurence Habib*, OsloMet - Oslo Metropolitan University
- *William Heyden*, Norwegian University of Life Sciences
- *Carl Erik Moe*, University of Agder
- *Judith Molka-Danielsen*, Molde University College
- *Pavel Okopnyi*, University of Bergen
- *Dag H. Olsen*, University of Agder
- *Andreas L Opdahl*, University of Bergen
- *Egil Øvrelid*, University of Oslo
- *Truls Pedersen*, University of Bergen
- *Fazle Rabbi*, University of Bergen
- *Ragnvald Sannes*, Handelshøyskolen BI
- *Ahmet Soyulu*, OsloMet - Oslo Metropolitan University
- *Karen Stendal*, University of South-Eastern Norway
- *Bjørnar Tessem*, University of Bergen
- *Habib Ullah*, Norwegian University of Life Sciences