# ICAPAI
## International Conference on Applied Artificial Intelligence

# International Conference on APplied Artificial Intelligence (ICAPAI 2021)
## 19 - 21 May 2021, Halden, Norway

**Web page:** www.icapai.org

The International Conference on Applied Artificial Intelligence (**ICAPAI 2021**) will provide an excellent international forum for sharing knowledge and results in theory, methodology and applications of Artificial Intelligence and Machine Learning in Industrial/Real-World settings. ICAPAI 2021 welcomes papers in all sub-areas of artificial intelligence and machine learning. The conference aims to provide a platform to researchers and practitioners from both academia and industry to meet and share information about cutting-edge developments in the field. ICAPAI 2021 is the rescheduled edition of ICAPAI 2020 which has been postponed due to the pandemic situation for the COVID-19 outbreak. Due to this pandemic situation, **ICAPAI 2021 will be a digital conference**.

Authors are welcome to contribute to the conference by submitting articles that illustrate on-going research results, projects, surveying works and industrial experiences that describe significant advances in all of the related areas. Papers submitted to ICAPAI 2021 will undergo a double-blind review process. All papers that are accepted and presented in ICAPAI 2021 will be published in the ICAPAI 2021 Conference Proceedings and included in IEEE Xplore®. For papers that are accepted but not presented will not be included in IEEE Xplore®, following IEEE No-Show Policy.

## Topics

Topics of interest include (but are not limited to):

- Development and deployment of AI applications to important domains (i.e., healthcare, transportation, finance, cyber-physical systems, manufacturing, business, government applications);
- Big data, data mining and machine learning tools;
- AI and ML based optimization methods for industrial/practical applications;
- Deep learning, fuzzy and neural systems;
- AI/ML techniques in robotics;
- AI/ML methods for computer vision, image processing, pattern recognition;
- Natural language processing, speech understanding;
- Evolutionary/bio-inspired algorithms;
- Explainable AI;
- Hybrid intelligent systems;
- Bioinformatics;
- Recent trends of AI in programming languages;
- Applied AI for cyber security;
- Heuristic and AI planning strategies and tools;
- Standards, ethics, legal implications and challenges of AI implications in government and public organizations.

## Special Track

There will be a **special track on on-going research/applications of AI and ML.** There will be a special track on on-going research/applications of AI and ML. The goal of this track is to report on-going developments/applications, as well as the associated research and challenges in applying AI and ML to real-world and industrial problems. ICAPAI 2021 seeks well-motivated and specific problems for which AI and ML technology have already been deployed (maybe partial). Authors can report the partial results with the motivation and idea behind such application. Based on the quality of the submitted paper, it will be accepted as a Full/Short paper. There will be (oral) presentation session for all of the accepted papers as well as with posters.

## Important Dates

**Submission deadline:** January 18, 2021

**Author notification:** March 21, 2021

**Camera ready due:** April 15, 2021

**Conference:** May 19 – 21, 2021

## Submission

The submission Web page for ICAPAI 2021 is https://easychair.org/conferences/?conf=icapai2021

Submission guidelines are available on the conference website.

## Registration

Registration information will be available soon in the conference website.

## Keynote Speakers

The list of keynote speakers will be available soon on the conference website.

## Organizing Committee

**General chair:** Ricardo Colomo-Palacios

**Program chair:** Kazi Shah Nawaz Ripon

**Finance chair:** Knut-Walther Nordahl

**Publicity chairs:** Michael Riegler, Gry Selnes Slotterøy, Md Zia Uddin

**Publication chair:** Jan Høiberg, Nazmul Siddique

**Registration chairs:** Hasan Ogul, Ann-Charlot Brandstorp

**Poster chair:** Rossella Bisio

**Local chairs:** Harald Holone, Claire Blackett

## Contact

Ricardo Colomo-Palacios (ricardo.colomo-palacios@hiof.no);
Kazi Shah Nawaz Ripon (ksripon@hiof.no); Harald Holone (harald.holone@hiof.no); Claire Blackett (claire.blackett@ife.no)

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