



African Workshop

Topic: Computing and Fourth Industrial Revolution (C&4IR)

11 August 2021

The Namibia University of Science and Technology (NUST) with African Strategy for Fundamental and Applied Physics (ASFAP) together bring a Workshop on Computing and Fourth Industrial Revolution (C4IR) to be held on August 11, 2021 in conjunction with the International Conference on Data Science, Machine Learning and Artificial Intelligence (<http://dsmlai.nust.na>). This will be a virtual event, but also planning an in-person event in Windhoek, Namibia. Physical attendance is not expected or required for authors and presenters. Still, those who live in or near Windhoek or outside Namibia are welcome if local regulations allow for travel and social gatherings. *The workshop will have Invited talks, Paper presentations and Panel discussion.*

Call for Papers

The program committee of the Workshop invites the submission of original research work or reports on application revolving around the fields of Computing and Fourth Industrial Revolution. Themes of the workshop include, but are not limited to, the following:

- Intelligent Communication and Automation System
- Data Analytics and Intelligent tools
- IoT, Edge Computing, AI, Machine Learning and Deep Learning
- Security: Cyber Security, Blockchain
- Federated and shared computing
- Training and sharing knowledge
- Software Architecture and Artificial Intelligence

All submissions should be made on Easy Chair at: <https://easychair.org/conferences/?conf=c4ir>

Each paper should be formatted following the ACM standard template.

Publication: Accepted and presented papers will be published in the International Conference Proceedings Series by Association for Computing Machinery (ACM), which will be archived in the ACM Digital Library, and indexed by Ei Compendex, Scopus, etc. **DSMLAI ISBN: 978-1-4503-8763-7.**

Panel Discussion:

This workshop will assemble a panel of experts on Computing and 4IR to showcase latest development as well as to answer questions.

Workshops Chair:

Dr Kétévi Adiklè Assamagan, Brookhaven National Laboratory, New York, USA

Workshop Moderator:

Dr Ghita Rahal, CNRS-IN2P3, Lyon, France

Workshop Panel:

Prof Francesco Petruccione, University of KwaZulu-Natal, South Africa

Dr Happy M. Sithole, CSIR, South Africa, South Africa

Prof Dharm Singh Jat, Namibia University of Science and Technology, Namibia

Dr Gaurav Bajpai, University of Rwanda, Rwanda

Paper submission deadline: Tuesday, 6 July 2021

For more details, log in to <http://dsmlai.nust.na/node/23>

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