2021 IEEE 14th International Conference on Cloud Computing (CLOUD 2021)

Virtual Conference
5 – 11 September 2021

Additional Copies of This Publication Are Available From:

2021 IEEE 14th International Conference on Cloud Computing (CLOUD)
CLOUD 2021

Table of Contents

CLOUD Papers

Cloud Security I

*Wojciech Ozga (IBM Research Europe - Zurich, TU Dresden, Germany), Do
Le Quoc (TU Dresden, Germany), and Christof Fetzer (TU Dresden,
Germany)*

*Christian Banse (Fraunhofer AISEC, Germany), Immanuel Kunz (Fraunhofer
AISEC, Germany), Angelika Schneider (Fraunhofer AISEC, Germany), and
Konrad Weiss (Fraunhofer AISEC, Germany)*

*Manish Kesarwani (IBM Research, India), Akshar Kaul (IBM Research,
India), Stefano Braghin (IBM Research Europe, Ireland), Naoise Holohan
(IBM Research Europe, Ireland), and Spiros Antonatos (IBM Research
Europe, Ireland)*

Edge Analytics

*Piyush Subedi (University of Georgia), Jianwei Hao (University of
Georgia), In Kee Kim (University of Georgia), and Lakshmish Ramaswamy
(University of Georgia)*

Privacy Preserving for Deep Learning

Edge Applications I

AI for Cloud I

Cloud Programming

INVITED I

INVITED II

Machine/Federated Learning Security

Cloud Security (II)

Cloud Infrastructure Services

Special Track: Cloud HPC I

Cloud Platform Services I

Cloud Performance

Cloud Middleware and Platforms

Cloud Infrastructures I

Cloud Infrastructures II

Cloud Platform Services II

Cloud Resource Management I

AI for Cloud II

Mobile Edge

Cloud Resource Management

Cloud Analytics

Edge Applications II

Special Track: Cloud HPC II

WIP I

WIP II

WIP III

CHP Symposium Papers

HPC in Biology and Medicine in the Cloud

Wolfgang Gentzsch (The UberCloud, Germany), Daniel Gruber (The
UberCloud, Germany), Yaghoub Dabiri (3DT Holdings, USA), Julius M.
Guccione (University of California San Francisco, USA), and Ghassan S.
Kassab (California Medical Innovations Institute, USA)

Distributed Computing Issues for HPC in the Cloud

Sudipta Saha Shubha (University of Virginia, USA), Shohaib Mahmud
(University of Virginia, USA), and Haiying Shen (University of
Virginia, USA)

Cloud HPC Barriers and Opportunities

Prateek Sharma (Indiana University) and Vikram Jadhao (Indiana
University)