

Call for Papers

BlockChain & Integration of Computing Power Workshop

The 17th International Conference on Wireless Communications and Mobile Computing
IWCMC 2021

IWCMC 2020 Website: <http://iwcmc.org/2021/>

Submission Link: <https://edas.info/newPaper.php?c=27588>

Harbin, China

June 28 - July 2, 2021

Organizing Committee

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Scope

With the development of information technology, the devices owning computing power have been almost everywhere, for example wearable devices, smart phones, newer generation base stations, smart vehicles, and so on. How to tap the huge and distributed computing potential has been a very interesting and worthy research.

The growing distributed network has the characteristics of ubiquitous, fragmentation and heterogeneity. Thus, to overcome/use the corresponding advantages/disadvantages brought by the above characteristics, we believe that the network performance is a key supporting core. So, it is important to take advantage of the opportunity to integrate computing power through some creative networking methods.

The objective of this Workshop is to stimulate discussion on the practicality which establishes the network to support the integration of computing power. Every aspect of the network deserves attention (e.g., higher rate, lower processing delay, lower energy consumption, etc.). On the other hand, we select the block chain network as it requires high computing power demands. Papers regarding the modeling, designing, implementation, deployment and management of such potential technologies, system architectures and protocols are also welcome.

Topics

Accepted papers will be published in the IEEE IWCMC 2021 proceedings and will be submitted to the IEEE digital library (IEEE Xplore). Authors are welcome to submit papers with topics that include, but are not limited to:

- Block chain
- Computing power integration
- 5G IoT
- Advanced communication technology supporting higher rating
- Active computing
- Network architecture for 5G and beyond
- URLLC
- Ad hoc
- Massive connection and IoT
- Grant-free radio access and data transmission
- Self-organizing networks (SON)
- Application of AI in wireless networks
- Co-existence between 5G/B5G and incumbent service
- Next generation broadcasting technologies
- Network slicing
- Mobility and high efficiency hand-over
- Safety communications
- Edge computing

Important Dates

Submission:	January 10, 2021
Acceptance notification:	March 30, 2021
Camera-ready paper submissions:	April 30, 2021

Submission Guidelines

Prospective authors are invited to submit original technical papers—up to 6 pages of length, using the EDAS link: <https://edas.info/newPaper.php?c=27588> for possible publication in the IWCMC 2020 Conference Proceedings, which will be submitted to the IEEE Xplore. Selected papers will further be considered for possible publication in special issues in selected Journals in the area. For more information, visit: <http://iwcmc.org/2021/>

Note: There will be best paper award, best Symposium award and best Workshop award.

TPC Members (TBD)