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Message from International Workshop on Resource Brokering with Blockchain (RBchain 2018)

Blockchain is a unique technology based on fundamental concepts of computer science. Moreover, Blockchain has proven itself to be instrumental for many applications, ranging from financial to governmental services. In many ways, this has transformed applications, and has spurred developers and research scientists to rethink how information is distributed and processed over application infrastructures. While the majority of these applications are in the financial domain, key opportunities lie in connecting infrastructural services, such as Cloud, Fog and Edge computing with blockchain to create and provide new applications and services.

The aim of this workshop is to bring together researchers and practitioners working in distributed systems, cryptography, and security from both academia and industry, who are interested in the technology and theory of blockchains and their protocols. The workshop will provide the international research community with a venue to discuss and present the requirements of blockchain fundamentals and applications and to bring forward new designs that meet new requirements.

We received 6 submissions which were reviewed by the program committee, and after careful consideration, the following papers were accepted:

- Huan Zhou, Cees De Laat and Zhiming Zhao. Trustworthy Cloud Service Level Agreement Enforcement with Blockchain based Smart Contract
- Guang Yang and Chunlei Li. A design of blockchain-based architecture for the security of electronic health record (EHR) systems
- Rafael Brundo Uriarte, Kyriakos Kritikos and Rocco De Nicola. Towards Distributed SLA Management with Smart Contracts and Blockchain
- Rosco Kalis and Adam Belloum. Validating data integrity with blockchain

In addition, the workshop features a panel discussion moderated by Martin Gilje Jaatun.

Organizing Committee

Chunming Rong, *UiS, Stavanger, Norway*
Marc X. Makkes, *Vrije Universiteit, Amsterdam, Netherlands*
Martin Gilje Jaatun, *UiS, Stavanger, Norway*

Technical Program Committee

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