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| ***INTERNATIONAL CONFERENCE ON SMART MACHINE INTELLIGENCE AND REAL-TIME COMPUTING*****(SMART COM 2020)**  Organized by  Govind Ballabh Pant Institute of Engineering & Technology  Pauri, Uttrakhand, India  **June 26-27, 2020**    ***Call for Papers-Special Track on***  ***“Blockchain Technologies for Internet of Things (IoT)”***   |  |  | | --- | --- | | **Chaired and Organized by** | | | **Dr. Mohammad Tabrez Quasim University of Bisha, Saudi Arabia**  **Email:** [**tabrezquasim@gmail.com**](mailto:tabrezquasim@gmail.com) | **Dr Fahad Algarni**  **University of Bisha, Saudi Arabia,**  **Email:** [**fahad.a.algarni@gmail.com**](mailto:fahad.a.algarni@gmail.com) | | |  |  |  | | --- | --- | --- | | Sponsors | | | |  | | | | smart-comm_logo | teqip-image | gbpiet_logo | | Publishing Partners | | | |  | | | | **Springer** | | | | Image result for inderscience | | | | Image result for EAI | | | |
| ***Theme of the Special Session***  Internet of things (IoT) is reshaping the cyberworld by connecting everything to the internet. From industry to smart industry, from hospital to smart hospital, from cities to smart cities are few applications of IoT. The IoT ecosystem is complex and heterogenous that bring a number of challenges such as decentralization, poor interoperability, privacy and security vulnerabilities susceptible to attacks. The blockchain has emerged as the solution for IoT security due to its numerous advantages such as distributed data storage and immutability. It offers the potential for improving the overall security of the IoT ecosystem. The International Data Corporation predicts that about 20% of all IoT deployments will have some sort of Blockchain services enabled in near future. There is a strong reason to believe that blockchain will lead to the establishment of a new generation of IoT ecosystem. This special track will provide a forum for researchers and industrialists to share recent research results on the convergence of Blockchain and IoT, ranging from overviews, proof-of-concepts case studies, to applications. | |
| Topics of interest include, but are not limited to:   * Blockchain in IoT device authentication, authorization and access control * Blockchain in IoT data and system security * Blockchain in IoT supply chain management * Blockchain in M2M communications * Blockchain platforms for IoT development * Blockchain implementation in IoT embedded systems * Novel Blockchain microprocessors and microcontrollers * Blockchain in smart home applications * Blockchain in smart building applications * Blockchain in smart city applications * Blockchain in smart healthcare applications * Blockchain in smart transport applications * Blockchain in smart manufacturing system applications * Blockchain in smart agriculture system applications * Testing, simulation and performance analysis is blockchain * Blockchain applications in IoT: case studies * Blockchain and IoT tools for teaching and learning | **Technical Programme Committee**  **Jalel Akaichi**, University of Bisha, KSA  **Darine A**, *Synchromedia Laboratory, Montreal, Canada*  **Sabidur Rahman**, *University of California, USA*  **Fehmi Jaafar,** *Concordia University*  **Wail Mardini,** *JUST, Jordan*  **Ashraf Darwish,** *Helwan University, Egypt*  **Alaa Abd Elhamid Radwan***, University of Bisha, KSA*  **Abdullah Almalaise***, KAU, KSA* **Natheer Gharaibeh, *TU, KSA*****Nadhem Sultan Ali Ebrahim,** *University of Bisha, KSA***Omar S. Saleh***, Ministry of Higher Education and Scientific Research, IRAQ* **Important Dates:** • Deadline:  April 15th, 2020 • Notification: May 15th, 2020 • Camera-ready: May 30th 2020 |
| **Paper Submission Process: While submitting your paper on Easychair you are requested to Select special track on “Blockchain for Internet of Things” as topic.**  **https://easychair.org/conferences/?conf=smartcom20201** |