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IoD 2023
Internet of Digital
and Cognitive Realies
7-8 December 2023

Scope :

A Digital Reality (DR) is a high-level integration of virtual reality (including augmented reality, virtual and digital simulations and twins), artificial intelligence and 2D digital environments which creates a highly contextual reality for humans in which previously disparate realms of human experience are brought together. DR encompasses not only industrial applications but also helps increase productivity in all corners of life (both physical and digital), thereby enabling the development of new social entities and structures, such as 3D digital universities, 3D businesses, 3D governance, 3D web-based digital entertainment, 3D collaborative sites and marketplaces. Beyond the concepts of the Internet of Things and Internet of Everything, the Internet of Digital & Cognitive Realities (IoD) already encompasses the networking of the widest range of digital & cognitive entities to be managed, transmitted and harmonized, focusing on a higher level of user accessibility, immersiveness and experience with the help of virtual reality and artificial intelligence. Given the holistic impact of IoD on society at large, papers on social and legal aspects of IoD are also welcome.

Contributions are expected from the following areas:

- Virtual, Augmented, Mixed and Digital Realities
- Cognitive aspects of Virtual Reality
- IoT and IoE
- Virtual and Digital Simulation Twins
- Artificial Intelligence
- Metaverse
- Cognitive Infocommunications
- Cognitive Mobility
- 3D audio and sonification
- 3D video and immersive experience
- Haptics and tactile modalities
- I/O and feedback devices
- Future Internet, Next Generation Internet
- Speech technology
- Digital Reality in Education
- 3D and VR Gaming and Entertainment
- e-Health using IoD
- Physical layers of IoD
- Infocommunication networks for IoD
- Safety and Security of IoD
- Real-time applications for IoD
- Human Factors
- Digital Society
- Digital Business
- Digital and Smart Ecosystems
- Smart Cities, Smart Factories
- Network management and testing
- 5G and RF applications

Authors are encouraged to submit full papers describing original, previously unpublished, complete research, not currently under review by another conference or journal, addressing state-of-the-art research and developments. All papers will be reviewed and accepted papers will appear in the conference proceedings. Papers must be submitted electronically via EasyChair in IEEE format (double column A/4, 4-6 pages long).

Authors' Schedule   First submission: 31 July, 2023
Notification: 30 September 2023
Final submission: 31 October, 2023

Track and Session Organizers:
Those who would like to propose a track or session (a set of oral or DEMO presentations) in order to introduce the new scientific results of their fields or large-scale international projects are warmly welcome. Please kindly note that the minimum number of sessions is 3 per track and 1 session is of 4 publications.

https://scitope.com/iod23