

Special Issue

of the **Infocommunication Journal**

Internet of Digital Reality: Applications and Key Challenges

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. The Internet of Digital Reality (IoD) is a set of technologies that enables digital realities to be managed, transmitted and harmonized in networked environments (both public and private), focusing on a higher level of user accessibility, immersiveness and experience with the help of virtual reality and artificial intelligence.

This special issue collects the latest results emerging on the field of Cognitive Infocommunications.

Chief Editor:

Prof. Peter Baranyi

Széchenyi István University

Guest Editors:

Prof. György Wersényi

Széchenyi István University

Dr. Ádám Csapó

Széchenyi István University

Prof. Anna Esposito

Università degli Studi della Campania "Luigi Vanvitelli"

Prof. Atsushi Ito

Utsunomiya University, Japan

Important dates:

Submission paper deadline: **1st of February, 2022**

Notification first review: **1st of March, 2022**

Deadline for revised paper: **10th of April, 2022**

Camera Ready: **20th of April, 2022**



Call for Papers

Regarding manuscript submission information, please visit:
<https://www.infocommunications.hu/for-our-authors>