

Sustainable Communications for Renaissance

The 2023 IEEE International Conference on Communications (ICC) will be

IMPORTANT DATES

Call for Papers Paper Submission

Tutorial Proposals

Workshop on Mega-Constellations in the 66 Era2 (6GSatComNet 23)

		Notion Workshop Proposals
	18 January 2023	2 August 2022
SCOPE	Camera-Ready	WORKSHတီစုလုံတုံးရေမြားလူel Proposals
There is rejuvenated interest in satellite communications & networkin and 3GPP industries aim at developing a seamlessly integrated one difference between the legacy satellite systems and the mega-constell • satellite_system wish the networking_ensects.with_very_high_speed inte	g. Both โคย รองอิปปีสุ / 2023 network. One main ations of the ชิตายาร edur r-satellite links. For	Gunes Karabulut Kertember 2022 Polytechnique Montréal, Canada es Halin Ynaillemer 102023.ieee-icc.org Carleton University, Canada
efficient operation, the network will have to be autonomous, intelli-	gent, resilient, self- ORG	ANSTEREN BUNKING COMMINIE
decision making, fault recovery, resilience, and scalability are am	ong the important	Symeon Chatzinotas University of Lux eຫຼວຄວະມາ gchairs
board operations, inter-satellite and satellite-to-ground links. The constellations in the 6G era will create unprecedented oppor	Min Alcolation Shiversity of Pis Marsatellithe, Mingaico di To tunities once the	sa, It <mark>elyxem&grip</mark> Benedetto, Politecnico di Torino, Ita prino Italy Tomaso de Cola German Aerospace Center (DIR)
unprecedented challenges are addressed by the research community.	Executive Chair Roberto Verdone, University of	Germany Executive Vice Chair Bologna, Luca Sanguinetti, University of Pisa, Italy
TOPICS OF INTEREST	review by any	Mianxiong Dong
other journal/ magazine/conference. Topics of interest include, but are	net limited tolitecnico di M	ilan Pang Hu , Meixia Tao, Shangai University
- Design and analysis of satellite mega-constellations		National Research Councili (NRC) dua, Italy
 Novel use-cases for satellite networks and integration with terresting HAPS (high altitude platform station) systems and HAPS constellation 	Veronica Trastulli, Marco Gaz <mark>za</mark>	Irrini, First Technical Program Vice-Chair
 Integrated terrestrial-satellite networks, satellite – 5G/6G coexiste 	Class srl, Livorno, Italy	Director of Technology, MDA
- 3GPP 6G standardization with satellite communications as a native	technology ^{Finance} Chair	Tutorial Program Co-Chairs
-Wird SQ (treenspace ioptical) communications for satellite networks, las	er links	TECHNICAL SPONSORS
 Satellite networks for enhanced localization, navigation and precisi Mobility/handover management in satellite networks 	Bruce Wortman, IEEE Con	nSocOptical SatCovorisbos Breizam Carchairs
- Quantum key distribution (QKD) in satellite networks	Industry Forums & Exhibition	Davide Dardari, University of Bologna, Ital
- Computation offloading through/from satellite networks	Roberto Sabella, Ericsson Re	search, Chengjun Sun, Beijing Samsung Telecom R&
 Edge computing and caching in satellite networks Topology management and routing in satellite networks 	Italy	Pablo Madoery Center
 Random access techniques and dynamic spectrum sharing in satel 	lite networks	Publications Chairs
- Multicasting techniques in satellite networks	Paweł Kryszkiewicz, Uni Poznal Rui Wang, Tongji Univers	n, Poland Kaibin Huang, HKU, Hong Kong sity MAIN CONTREESegata, Free University of Bozen-
 MIMO, massive MIMO, advanced antenna architectures, and dyna 	mic beænsformingi Colorado	b, US Gunes Karabulut Kevit ano, Italy
 Interference avoidance and mitigation in satellite networks Physical layer security in satellite communications 	Awards Chair	Filippo Malandra, University at Buffalo, US
 Security, privacy and authentical in satellite networks 	Rui Zhang, NUS, Singapo	IMPORTANT DATES
- Testbeds for satellite networks and experimental studies	Web Co-Chairs	Paper Submission Deadlint Manager
- AI/ML for satellite networks	Rosario Garroppo, University of Cristina Rottondi, Politecnico di T	^{r Pisa} 2 balanuary 2023 ssa Torres, IEEE ComSoc Foring, Italy
 Simulation platforms for satellite networks IoT and M2M applications in satellite networks 	GIMS Advisor	6 March 2023 GITC Advisor
- Advanced physical layer technologies for satellite communication	Raed Abdullah	Camera Ready and Registration for
PAPER SUBMISSION		accepted papers:
All papers for Workshops should be submitted via EDAS.		15 March 2023
https://icc2023.jeee-icc.org/	2023 Website:	