

# 2023 IEEE Smart World Congress

28-31 August 2023, Portsmouth, UK

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## Important Dates

**Workshop Proposal Due:** 30 Mar 2023

**Paper Submission Deadline:** 14 Apr 2023

**Authors Notification:** 15 May 2023

**Camera-ready Submission:** 15 Jun 2023

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## Stitching Smart Everything into Smart Life

The smart world is set to enhance everyday things with abilities of sensing, communication, computation and intelligence so that many tasks and processes could be simplified, more efficient and productive. It consists of numerous “smart things” that can be endowed with different levels/forms of computational intelligence and even capable of thinking. Research on smart world is an emerging research field covering many areas, essential problems, and crucial issues in truly building the smart world that benefits humanity, and simultaneously safeguards the natural environment for sustainable development and evolution.

The IEEE Smart World Congress originated from the 2005 Workshop on Ubiquitous Smart Worlds (USW, Taipei) and the 2005 Symposium on Ubiquitous Intelligence and Smart World (UISW, Nagasaki). SmartWorld 2023 in Portsmouth is the continuation after SmartWorld 2022 in Haikou, the successful SmartWorld 2021 in Atlanta, SmartWorld 2020 in Melbourne, SmartWorld 2019 in Leicester, SmartWorld 2018 in Guangzhou, SmartWorld 2017 in San Francisco, SmartWorld 2016 in Toulouse and and SmartWorld 2015 in Beijing. IEEE SmartWorld 2023 aims to provide a high-profile, leading-edge platform for researchers and engineers to exchange and explore the state-of-the-art advances and innovations in graceful integrations of Cyber, Physical and Social Worlds with Ubiquitous Intelligence.

## IEEE SmartWorld 2023 Topics

✧ Smart Sensing, Processing and Service	✧ Smart Building and Structure
✧ Smart Computing and Communication	✧ Smart Roads and Transportation
✧ Smart System Monitoring/Management	✧ Smart Vehicles and Control
✧ Smart Internet of Things	✧ Smart Machines and Robots
✧ Smart Industry and Manufacture	✧ Smart Home and Furniture
✧ Smart Agriculture and Aquaculture	✧ Smart Appliances and Goods
✧ Smart Materials and Fabric	✧ Smart Wearables and Implants
✧ Smart Environment and Ecosystem	✧ Smart Medicine and Healthcare
✧ Smart Earth/Space System	✧ Smart Elderly/Kiddy Care
✧ Smart Grid and Energy	✧ Smart Foods and Living
✧ Smart Logistics and Retail	✧ Smart Learning and Education

## Six Co-located Conferences

- ◆ The 20<sup>th</sup> IEEE Int'l Conf. on Ubiquitous Intelligence and Computing (**UIC 2023**)
- ◆ The 20<sup>th</sup> IEEE Autonomous and Trusted Vehicles Conference (**ATC 2023**)
- ◆ The 23<sup>rd</sup> IEEE Int'l Conf. on Scalable Computing & Communications (**ScalCom 2023**)
- ◆ The 2023 IEEE International Conference on Digital Twin (**Digital Twin 2023**)
- ◆ The 9<sup>th</sup> IEEE International Conference on Privacy Computing and Data Security (**PCDS 2023**)

## IEEE SmartWorld 2023 Calls for

Papers that must be submitted electronically via the site '<https://edas.info/N30388>'

- ✓ Workshop and Special Session Proposals in smart world related all aspects
- ✓ Tutorial Proposals in addressing the emerging smart world areas
- ✓ Smart AI City Competition Proposals for AI technological applications

Regular papers are limited to 8 pages. Accepted conference papers will be published by IEEE (IEEE-DL and EI indexed) in Conference Proceedings. Best Paper Awards will be presented to high quality papers. Selected papers will be recommended to a special issue of prestigious journals such as the [Cognitive Computation](#) journal.

IEEE SWC 2023 Website: <https://iee-smart-world-congress.org/program/swc2023/overview>