



Photo: Gunnar Grimnes, found on Wikipedia

First Announcement & Call for Papers

20th International Conference on Remote Engineering and Virtual Instrumentation (REV2023) and International Edunet World Conference (IEWC 2023)

"Open Science in Engineering"

Porto Palace Hotel*, Thessaloniki, Greece, 1-3 March 2023

<http://www.rev-conference.org/>

**(online presentations will be supported)*

Overview

The REV is the annual conference of the International Association of Online Engineering (IAOE) together with the Global Online Laboratory Consortium (GOLC) (<http://www.online-engineering.org>).

REV 2023 is the 20th in a series of annual events concerning the area of Online Engineering, Cyber-physical Systems and Internet of Things, including Remote Engineering & Virtual Instrumentation together with [Edunet](#) Annual conference.

In a globally connected world, the interest in online collaboration, teleworking, remote services and other digital working environments is rapidly increasing. In response to that, the general objective of this conference is to contribute and discuss fundamentals, applications and experiences in the field of Online and Remote Engineering, Virtual Instrumentation and other related new technologies.

Another objective of the conference is to discuss guidelines and new concepts for engineering education in higher and vocational education institutions, including emerging technologies in learning, MOOCs & MOOLs, and Open Resources. REV2023 will offer an exciting technical program as well as networking opportunities.

Important Deadlines & Presentation Formats

Proposals for participation in the REV2023 conference can be submitted in the following formats:

| | |
|--------------------|--|
| 19 Sep 2022 | Submission of: (i) structured abstracts (for full and short papers) for the main conference (ii) Special Session proposals |
| 26 Sep 2022 | Notification of acceptance for abstracts for the main conference. Special Sessions notification and announcement |
| 24 Oct 2022 | Submission of: (i) complete papers for all submission types (ii) proposals for round tables, workshops, tutorials |
| 05 Dec 2023 | Notification of acceptance |
| 07 Jan 2023 | Camera-ready due & Author registration deadline |
| 01 Mar 2023 | REV2023 opening |

REV2023 is an onsite event. However, distant (online) presentations for full, short and work-in-progress papers are supported.

Conference Proceedings

The conference proceedings will be published as REV2023 Proceedings in the Springer series "Lecture Notes in Networks and Systems". The books of these series are submitted to ISI Proceedings, EI-Compendex, DBLP, SCOPUS, Google Scholar and Springerlink. Selected award papers will be recommended for publication in the International Journal of Interactive Mobile Technologies (IJIM), the International

Journal of Emerging Technologies in Learning (IJET) and the International Journal for Online Engineering (IJOE).

Venue: Thessaloniki, GREECE

Thessaloniki, the 2nd biggest city of Greece, has many archeological sites and museums in and around the city and many more attractions close (an hour or two driving), like Chalkidiki (major touristic resort), Mount Athos monastery state and Mount Olympus. It is our hope that you will be able to spare some time to experience its cultural and historical riches.

Topics (but not limited to)

The special focus of REV2023 is on the following topics:

- Applications & Experiences
- Artificial Intelligence
- Augmented Reality
- Open Science Big Data
- Biomedical Engineering
- Cyber Physical System
- Cyber Security
- Collaborative Work in Virtual Environments
- Cross Reality Applications
- Data Science
- Evaluation of Online Labs
- Human Machine Interaction & Usability
- Internet of Things
- Industry 4.0
- M2M Concepts
- Mixed Reality
- Networking, Edge & Cloud Technology
- Online Engineering
- Process Visualization
- Remote Control & Measurements
- Remote & Crowd Sensing
- Smart Objects
- Smart World (City, Buildings, Home etc.)
- Standards & Standardization Proposals
- Teleservice & Telediagnosis
- Telerobotic & Telepresence
- Teleworking Environment
- Virtual Instrumentation
- Virtual Reality
- Virtual & Remote Laboratories

Organizers

- AUTH - Aristotle University of Thessaloniki, Greece (www.auth.gr)
- IAOE - International Association of Online Engineering (www.online-engineering.org)