

REV2022 – 1st Announcement & Call for Papers

February 28th – March 2nd, 2022, The British University in Egypt, Cairo



19th International Conference on Remote Engineering and Virtual Instrumentation: *Artificial Intelligence and Online Engineering*

The REV is the annual conference of the International Association of Online Engineering (IAOE) together with the Global Online Laboratory Consortium (GOLC). It is the 19th in a series of annual events concerning the fundamentals/ applications/experiences in the field of Online Engineering and related new technologies including:

- Internet of Things & Industrial Internet of Things (Industry 4.0)
- Online & Biomedical Engineering
- Data Science, Machine learning and Artificial Intelligence
- Cross & Mixed Reality
- Remote Working Environments

Another objective of the conference is to discuss guidelines and new concepts for engineering education in higher and vocational education including emerging technologies in learning, MOOCs & MOOLs and Open Sources. REV2022 will offer an exciting technical program as well as networking opportunities.

Special Thematic Tracks

- Engineering Education after COVID 19
- Data Science in Engineering Education
- Big Data and Visualization
- AI and Design in Engineering
- IoT and Tiny ML: From Smart Houses to Smart Cities
- Cross & Mixed Reality and Artificial Intelligence
- Engineering vs Art
- VISIR Laboratory Federation

Submission Types

REV conferences have a two-step review process. Based on abstract submissions for full and short papers, authors will be invited to submit complete papers. All submissions undergo a double-blind review process.

Other opportunities to participate

Posters / Work in Progress / Thematic Workshops / Tutorials / Technical Sessions, as well as Interactive Demonstrations and exhibitions, may also be proposed. Prospective organizers of other REV2022 events are encouraged to contact the conference secretariat.

REV General Chair

Michael E. Auer, IAOE Founding President & CEO

Advisory Board Chair

Yehia Bahei El-Din, Acting President BUE, Egypt

REV2022 Chairs

Dominik May, IAOE President, USA
 Omar Karam, BUE, Egypt
 Samir A. El-Seoud, BUE, Egypt

Program Chairs

Doru Ursutiu, IAOE Honorary President, Romania
 Hani Ghali, BUE, Egypt

Technical Program Chairs

Hani Amin, BUE, Egypt
 Sebastian Schreiter, IAOE, France

Important Dates

27 Sep 21	Submissions for GOLC Online Lab Award 2022
11 Oct 21	Submission of structured abstracts for full, short papers; and proposals for special sessions
25 Oct 21	Invitation to submit a full paper or short paper and special sessions
15 Nov 21	Submission deadline for complete full and short papers, Work in Progress, Demos, Poster, Tutorials, Workshops, Special sessions
06 Dec 21	Notification of Acceptance
23 Dec 21	Camera-ready upload open
07 Jan 22	Author registration, Camera-ready due
22 Feb 22	Conference Opening

Topics of Interest (but not limited to)

Artificial Intelligence and Online Engineering
 Cross Reality
 Big Data
 Data Science and Online engineering
 Biomedical Engineering
 Collaborative Work in Virtual Environments
 Online Labs in Industry and Engineering education
 Human Machine Interaction & Usability
 Internet of Things & Industrial IoT
 Industry 4.0
 Cyber Physical System
 Cyber Security
 M2M Concepts
 Networking, Edge & Cloud Technology
 Remote & Crowd Sensing
 Smart Objects
 Smart Environments (Smart Home, Smart Building, Smart City)
 Standards & Standardization Proposals for Online Labs
 Remote Technologies and Health Care
 Accessibility for People with Disabilities

Review / Proceedings

All submissions are subject to a double-blind reviewing process. All accepted and presented submissions will be published as REV2022 Proceedings in Springer 'Lecture Notes in Networks and Systems'.

More Information

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