

# REV 2021 – Call for Papers

February 24<sup>th</sup> – 26<sup>th</sup>, 2021, Novotel Century Hong Kong



## 18<sup>th</sup> International Conference on Remote Engineering and Virtual Instrumentation: Online Engineering and Society 4.0

The REV is the annual conference of the International Association of Online Engineering (IAOE) together with the Global Online Laboratory Consortium (GOLC).

REV 2021 is the 18<sup>h</sup> in a series of annual events concerning the fundamentals, applications and experiences in the field of Remote Engineering, Virtual Instrumentation and related new technologies including

- Online & Biomedical Engineering
- Internet of Things & Industrial Internet of Things
- Industry 4.0
- Data Science
- 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 institutions including emerging technologies in learning, MOOCs & MOOLs and Open Resources. REV2021 will offer an exciting technical program as well as networking opportunities.

### Special Thematic Tracks

- Impacts of COVID in Engineering Education
- Data Science and Big Data
- Cross & Mixed Reality in Engineering and Education
- VISIR Laboratory Federation
- E-Engineering
- Standardization in Online Labs

### 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 REV2021 events are encouraged to contact the conference secretariat.

### Important Dates

28 Sep 2020	Submission of structured abstracts for full and short papers; Submission of proposals for special sessions
28 Sep 2020	Submissions for GOLC Online Lab Award 2021
25 Oct 2020	Invitation to submit a full paper or short paper
02 Nov 2020	Submission deadline for complete full and short papers and all other submissions (Special session papers, Work in Progress, Demos, Poster, Tutorials, Workshops)
01 Dec 2020	Notification of Acceptance
15 Dec 2020	Camera-ready due Late Paper submission
21 Dec 2020	Author registration
26 Feb 2021	Conference Opening

### Topics of Interest (but not limited to)

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

### General Chair

Michael E. Auer, Founding IAOE President & CEO

### REV2021 Chairs

Kalyan Ram B, IAOE President, India  
Gabriel XG Yue, IETI Founder, Hong Kong

### Program Co-Chairs

Doru Ursutiu, IAOE Past President, Romania  
Dominik May, IAOE First Vice-President, USA  
Rita YM Li, IETI Director, Hong Kong

### Review / Proceedings

All submissions are subject to a double-blind reviewing process. All accepted and presented submissions will be published as REV2021 Proceedings in Springer 'Lecture Notes in Networks and Systems'.

More Information  
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