

REV 2020 – Call for Special Session Papers

February 26th – 28th, 2020, University of Georgia (Athens, GA, USA)



17th International Conference on Remote Engineering and Virtual Instrumentation: Cross Reality and Data Science in Engineering

Special Session: 'Learning Objectives and Learning Analytics' (LOLA'20)

It has long been known that online laboratories (remote and virtual) can supplement or replace physical ones in higher education. In many cases this depends on the lab activities' learning objectives. However, the suitability of lab types and learning objectives is much less known and, hence, still a topic of ongoing research. To dig deeper into that, we must know which learning objectives teachers define in accordance to different learning groups and fields. Subsequently, further questions are important to be answered: What are the criteria for learning success? How can success be observed and measured? How can positive results be reproduced by other lab designers and instructors? Are there tools and instruments that can be used across subject fields, areas of education, or even internationally? In this Special Session, we want to tackle those questions and try to make a step towards a better constructive alignment of online experimentation.

Special Session Chairs

David Boehringer, University of Stuttgart, Germany

david.boehringer@tik.uni-stuttgart.de

Claudius Terkowsky, TU Dortmund University, Germany

claudius.terkowsky@tu-dortmund.de

Program Committee Members

Valerie Varney (née Stehling), RWTH Aachen, Germany

Dominik May, University of Georgia, USA

Tobias Haertel, TU Dortmund University, Germany

Tobias Ortelt, TU Dortmund, University, Germany

Important Dates

22 Nov 2019	Submission deadline for complete special session papers
01 Dec 2019	Notification of Acceptance
15 Dec 2019	Camera-ready due
31 Dec 2019	Author registration
26 Feb 2020	Conference opening

Special Session Topics of Interest

Studies of effectiveness of different kinds of labs

Evaluating Learning objectives, teaching and learning activities, and assessments tasks for experimental work

Methods and tools to evaluate and to assess labs in higher engineering education

General Chair

Michael E. Auer, Founding
IAOE President & CEO

REV2020 Chair

Dominik May, UGA & IAOE
Vice-President

Review / Proceedings

All submissions are subject to a double-blind reviewing process. All accepted submissions will be published as REV2020 Proceedings in Springer 'Lecture Notes in Networks and Systems'.

More Information

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

mail: rev2020@uga.edu

info@rev-conference.org

phone: +1-706-542-9626

+43-5-90500-2115