OL2A 2021 - International Conference on Optimization, Learning Algorithms and Applications
July 20, 2021
Hybrid Event

Online: **https://videoconf-colibri.zoom.us/j/83634205607**
Face-to-face: **Auditório Alcínio Miguel, Polytechnic Institute of Bragança**

The International Conference on Optimization, Learning Algorithms and Applications (OL2A 2021) is focused on the challenges of optimization and learning methods and their applications.

The conference will bring together scientists and engineers and provide the international research community in optimization and learning with an opportunity to present, discuss and publish their recent research results and approaches and to develop new ideas and collaborations.

OL2A 2021 welcomes presentations about all areas of research on optimization and learning, as well as new high-impact applications such as 4th industrial revolution, multi-objective optimization, optimization for machine learning, machine learning for optimization, optimization and learning under uncertainty and others.

The conference program will feature special sessions, oral and poster sessions and also sessions for students and young researchers.

Programme

10:30 - 12:00 **Session TiEE - Trends in Engineering Education** **Chair: Florbela Fernandes**	**Assessing gamification effectiveness in education through analytics**	Zornitsa Yordanova
	Real Airplane Cockpit development applied to Engineering Education: A project based learning approach	Jose Carvalho, Andre Mendes, Thadeu Brito, José Lima
	Towards distance teaching: a remote laboratory approach for modbus and IoT experiencing	Jose Carvalho, Andre Mendes, Thadeu Brito, José Lima
	Azbot-1C: An educational robot prototype for learning mathematical concepts	Jose Cascalho, Francisco Pedro, Paulo Medeiros, Paulo Novo, Alberto Ramos, Mathias Funk, José Lima, Armando Mendes
	Evaluation of Soft Skills Through EducationalTestbed 4.0	Leonardo B. P. Silva, Bernardo P. Barreto, Joseane Pontes, Fernanda T. Treinta, Luis M. M. Resende, Rui T. Yoshino
	MathE - Collaborative Learning Platform using Learning Optimized Algorithms	Beatriz Flamia Azevedo, Yahia Amoura, Gauhar Kantayeva, Maria F. Pacheco, Ana I. Pereira, Florbela P. Fernandes