

EduTalks@Council of Europe- Teaching and learning with and about AI

Thursday, 19 Octobre 2023 17:00 – 19:00 CEST

Speakers



Lidija Kralj is an international analyst and expert in data and AI in education, she is a member of Council of Europe and UNESCO workgroups on AI and education, European Commission's working groups on Artificial intelligence and data in education and training, digital education and safer internet, and author of digital learning resources and textbooks, as well as an advisor and teacher trainer. She had been working at the Ministry of Science and Education in Croatia, where she led reforms in the area of digital education, learning analytics, data-based decisions in education and comprehensive curricula reform. Lidija is eLearning and project manager, and a lecturer in Mathematics and Computer Science



Christian M. Stracke is a Coordinator for Virtual Collaboration & Cloud Strategy at the German University of Excellence in Bonn, appointed Advisory Professor at East China Normal University in Shanghai, and Adjunct Professor at Korea National Open University in Seoul. In addition, he is Founder and Director of eLC, the European Institute for Learning, Innovation and Cooperation. Christian works as a consultant for United Nations (UNESCO), Council of Europe, European Commission & Parliament, and many national ministries and educational institutions. He holds a PhD in Economics and Informatics and a Magister Artium (M.A.) in Educational Sciences.



Arjana Blazic is an experienced educator, teacher trainer, education technology consultant and course designer, based in Zagreb, Croatia. She is a certified British Council teacher trainer in integrating ICT in the classroom. She is co-author of the Croatian National Curriculum for English as a Foreign Language and the National Curriculum for the Cross-curricular Use of ICT. She is an external expert at European Schoolnet, where she contributes to EU Code Week by developing teaching and learning resources that aim at scaling up innovative use of digital technologies in schools. Her interests focus on technology-enhanced teaching and learning and the impact of digital technologies on teacher professional development to provide valuable insights and perspectives.



Francisco Bellas is full professor at the University of Coruña (Spain). He has been researching in the field of AI applied to robotics for more than 20 years, as well as teaching different courses at the university related with machine learning and autonomous robotics. Since 2016, he has been involved in the development of the Robobo educational robot, which received many international awards related with STEM education. In the last 5 years he has been leading different educational projects in the field of AI education, mainly for pre-university levels, focused on the development of an adapted AI curriculum and also on the development of Intelligent Tutoring Systems.

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Abstracts

Artificial intelligence is challenging and changing educational settings and systems through new AI opportunities to create media and make analyses and decisions: Current teaching and assessment practices have to be reflected on and modified given the AI services, their black boxes, related responsibilities and integrations into other systems.

We need to discuss how AI can be used to strengthen human rights, democracy, and rule of law instead of supporting biases, fake news, and inequity. Thus, key questions are:

What are relevant ethical dimensions and options, demands and limits for AI regulation in education?

And how can we integrate AI into curricula enabling students to learn about AI and its impact, which is closely linked with the [Digital Citizenship Education](#) Programme of the Council of Europe, as well as to build digital competences and AI literacy?

Christian M. Stracke

In this talk, we will explore the potential applications of AI to enhance the teaching and learning process and address the challenges from both learner and teacher perspectives. We will discuss responsible and informed use of AI technology and investigate how AI can be a catalyst for creativity and innovation in education. We will draw from personal experiences in teacher professional development to provide valuable insights and perspectives.

Arjana Blazic

AI is just another digital tool for education, the teacher must be maintained in the core of the teaching/learning process (human in the loop). Advancing AI in education passes through the critical step of enhancing teaching and learning with and about AI.

Francisco Bellas