SCIENTIX
The community for science
education in Europe

ICT-INOV

SPOW16 – ICT_INOV METHODOLOGY FOR INNOVATORS

This **track a** of the **Science Project Online Workshop 16** (SPOWs) is organised jointly with Scientix and **ICT_INOV**.

Science Projects Online Workshops include 3 to 4 parallel tracks each. Teachers may apply to up to one track per workshop. Participants will be selected to ensure a wide-spread participation in the different workshops.

Who: Michela Tramonti (Researcher at EU-Track, Italy)

Where: Online using Microsoft Teams.

Places and certification: Maximum 10 teachers per track. After the completion of the SPOW, active participants will receive a certificate of participation.

Language and duration: All workshops will be conducted in English and the overall workload expected is of ~8 hours (including the preparatory work, online sessions, and "homework").

Cost: The seminars are free of charge.

week 1 – Monday 06 March 2023 (17:00-18:00 CET): 1-hour webinar

week 2 - Monday 13 March 2023 (17:00-18:30 CET): online session of 1.5 hours

between sessions 1 and 2: asynchronous "homework" for participants

week 3 - Monday 20 March 2023 (17:00-18:30 CET): online session of 1.5 hours

The project **ICT_INOV**, Modernize and internationalize ICT higher education (Erasmus+ Capacity Building for Higher Education), aims to promote a gamified, design thinking-based learning framework that fosters innovation; a digital learning platform that supports collaboration in design thinking contexts and promotes engagement; the digital learning activities that encourage students to think creatively through design thinking approach.

It provides the instructors and educators with methodology and tools to encourage skills development such as critical and outside-of-the-box thinking in interdisciplinary and multidisciplinary teaching thanks to the application of the design thinking methodology, structured into five phases: empathy, ideate, define, prototype and testing.

Through the two sessions the speaker will aim to show, through practical tasks, how instructors and educators can implement the ICT_INOV methodology in their classes.

During the sessions it will be demonstrated to the participants how to engage their students in the design-thinking activities by using the project tools and approach by working as a student and an instructor. Both sessions are designed for instructors and educators with students from the age 16 and up.

Workshop Objectives
- Understanding how design thinking methodology works – Practical session;
- Become familiar with the resources, methodology and tools developed in the framework of the ICT_INOV project;
- Create a learning scenario based on design thinking and ICT_INOV tools for students.

Monday **06 March 2023** **Introduction** 17:00-18:00 CET	**Monday** **13 March 2023** **Session 1** 17:00-18:30 CET	**Monday** **20 March 2023** **Session 2** 17:00-18:30 CET
Introduction to SPOW 16 by Scientix and project presentation by each track leader	Introduction to ICT_INOV methodology by Michela Tramonti	ICT_INOV and design thinking in practice by Michela Tramonti