



2nd Summer School

2-8.10.2022, Naples, Italy

Dear Colleagues,

In less than two weeks, we will meet at the 2nd STEM CPD Summer School at the University of Naples Federico II, in Naples, Italy.

As you know, the aim of the STEM-CPD Summer School is to prepare its participants to become effective CPD-Ambassadors at your home Institutions and to create a community of practice which will set up a continuously growing international network that will allow the exchange of knowledge and experiences on Pedagogical Content Knowledge.

The philosophy of the summer school is to train the trainer and co-creation.

At this Summer School you will:

- gain knowledge to empower your personal TPACK - Technological pedagogical content knowledge (and skills) and,
- produce your own *User case* and material for it which will enable you to organize CPD activities when you return to your home university.
- compare your situation and challenges in teaching and learning at university with that of other countries



This Summer School will provide you with interesting and innovative active teaching methods for STEM higher education practice. The attention will be given to designing courses, collaborative learning, formative assessment, blended and online learning, designing a MOOC, in the context of your own teaching and organization of support for peers at your own faculty.

To match the heterogeneity of the participants and your home university situations, the STEM-CPD Summer School in Naples will offer you the possibility of selecting sessions held in parallel e.g. (a) Teaching Chemistry to Non-Chemistry Majors (b) Research based teaching and learning. Final level of laboratory classes: doing research with master and PhD students.

During Summer School activities, you will learn how to promote innovation in teaching practice at your university and you will adequately prepare yourself in how to organize STEM-CPD activities at your university in order to implement innovative teaching practices in HE STEM education, thus becoming a **CPD-Ambassador**. Your *STEM-CPD User case* will be shared to inspire other lecturers.

We expect an exchange of good practices. It will offer participants the opportunity to learn from each other. Your active participation is crucial to achieve personal and collective success. During group work, you will discuss and refine proposals for improvements to be implemented in your teaching practice as well as how to help fellow lecturers to do this, too.

A certificate of CPD-Ambassador will be awarded to the participants who have among others created a user case. Detailed information on full requirements will be available on Krakus platform (<https://krakus.czn.uj.edu.pl/login/index.php>). In the coming week, you can expect an instruction on how to log into the remote learning platform, and then posts sent from that platform by your future trainers.

See you in Naples!

The Organizing Team