



Newsletter 1: 22 November 2022

**Quality Standards in Teaching
ECTN Standing Committee**

This newsletter is for all ECTN members taking an interest in the activities of the Quality Standards in Teaching (QST) committee. We aim to inform you every two months about the state of our activities.

Announcements

ECTN Annual Meeting and General Assembly, 14-15 April 2023, Amsterdam, The Netherlands

Registration is [open](#)! The theme of the event is *Quality of Teaching and Learning in Higher Education Chemistry: Best Practices, Opportunities and Trends*. For more information, please, visit <https://ectn2023.org/>.

MicroMOOC Bridging Pre-knowledge Gaps

A series of the short online courses design for STEM lecturers is running on the Open EdX platform of University of Ljubljana. The next one entitled [Bridging Pre-knowledge gaps](#) will start next Wednesday 23 November and will be active up to 7 December, 2022. Registration on the platform <https://lms.ectnmooocs.eu/> is required to sign up! Please, share the link with your colleagues.

Projects

STEM Continuous Professional Development at European Universities (STEM-CPD@EUni) aims at integrating technological, pedagogical, and content knowledge in teaching and developing approaches to use technology to teach concepts in a way that enhances student learning experiences.

STEM-CPD Summer School

The 2nd STEM-CPD Summer School was held at the University of Naples Federico II (Naples, Italy) on 2-7 October 2022. There were 15 participants from 10 different institutions and with 7 countries being represented. Instructors from the consortium STEM-CPD@EUni were joined by external experts in research in didactics of STEM disciplines. The summer school covered different topics and several intended learning outcomes, all tailored to the specific needs of the participants. In this edition we started by defining the most important *Challenges in teaching and learning in HE* (by Nataša Brouwer) and faced topic such as *Constructivism and Inquiry-Based STEM Education* (by Iwona Maciejowska), *How to design a micro-MOOC?* (by Črtomir Podlipnik and Bartosz Trzewik), and *CPD Ambassadors user cases* (by Matti Niemelä). An important part of the Summer School was dedicated to several hands-on sessions in which each participant had to develop their own user case, by identifying problems or challenges in teaching STEM disciplines in their home institution and putting forward possible solutions to be developed as CPD activities.



Publications

[Position paper](#) *Creating a common ground for professional development of university chemistry (STEM) lecturers in Europe* advocates creation of the Eurolecturer Academy, a European learning platform serving academics in their CPD of teaching competences.

[Roadmap](#) *to set STEM continuous professional development at EU Universities* proposes recommendations and guidelines on how to develop and promote sustainable STEM continuous professional development at universities.

[Research paper](#) *Roadmap for Continuous Professional Development of STEM Lecturers* analyzes the results of the survey that mapped the needs for the CPD in teaching and learning of lecturers in STEM disciplines.

Links of interest

[The future of education and skills - Education 2030](#)
[2023 Higher Education Trend Watch](#).

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