

GOOD PRACTICE IN CONTINUOUS PROFESSIONAL DEVELOPMENT IN TEACHING AND LEARNING IN HIGHER EDUCATION CHEMISTRY

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Disciplinary focused continuous professional development (CPD) in teaching and learning is essential for addressing the specific pedagogical needs of learners in chemistry. It also enables continuous improvement of teaching approaches in response to rapid scientific and technological development and helps to effectively prepare students for global challenges (Brouwer, 2022).

In this symposium, the panel will discuss in depth the challenges and opportunities in the professional development of university chemistry teaching staff. Four speakers from three different European countries and Australia will share good practices on how CPD for lecturers is organized at their university and opportunities they envision for CPD.

Questions for the panel will include: the benefits and drawbacks of bottom up CPD approaches, how communities across the borders of universities and countries influence CPD (Brouwer, 2024), the impact of secondary school chemistry on teaching and CPD, what specific requirements chemistry topics, such as laboratory teaching, place on staff (Brouwer, 2022), and how we can professionalize collaborative teaching teams where members have different roles.

References:

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