**Engaging STEM students through Problem-Based Learning**

Are you or your colleagues struggling to engage students in Science, Technology, Engineering, and Mathematics (STEM) courses? This workshop explores how to apply the design principles of Problem-Based Learning (PBL) – constructive, collaborative, contextual, and self-directed learning – to increase student engagement in STEM fields. You will learn how these principles can help STEM education by actively involving students during their learning process. The session includes hands-on activities to illustrate how PBL can foster deep learning and critical thinking, tailored to STEM topics. Through group discussions and practical exercises, you will leave with actionable strategies to enhance student motivation, foster a collaborative learning environment, and support independent learning in classrooms. So are you looking for inspiration to make STEM courses more interactive and engaging? Then join this workshop!

**Speaker**

Stefan Jongen is an experienced educator and researcher in higher education. With a background in teaching, researching and facilitating professional development of teaching staff in higher education, he focuses on designing and supporting learning experiences that are student-centered, collaborative, and meaningful. He leads the domain of Teacher Professional Development and Support at the Center of Expertise in Teaching and Learning of the Open University.

Workshops will be scheduled in 60 minute timeslots

Workshop language = English