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The iTHEPHY project and its software platform: enhancing remote teacher-student collaboration

Monday 4 November 2019 14:45 (15 minutes)

iTHEPHY is an ERASMUS+ project which aims at developing innovative student-centered Deeper Learning Approaches (DPA) and Project-Based teaching and learning methodologies for HE students, contributing to increase the internationalization of physics master courses. In this talk we'll introduce the iTHEPHY project status and main goals attained, with a focus on the web-based virtual environment developed in order to support the groups of students and the teams of teachers during their DPA learning and teaching activities: the iTHEPHY DPA Platform. The iTHEPHY DPA platform will be described in detail, focusing on the methodologies and technologies which enabled us to deliver a modular, user friendly, open-source, scalable and reusable platform that can be adopted by other communities in a straightforward way. The presentation will describe the work carried out in order to integrate some well established tools like Moodle, Redmine, BigBlueButton, Rocketchat, Jitsi, Sharelatex and INDIGO-DataCloud IAM. Some aspects about containerization of services in Cloud will be also covered. Finally, some reflections about sustainability of the software platform delivered will be presented.

Consider for promotion

No

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