UNIVERSIDAD COMPLUTENSE
MADRID

Using Learning Analytics to deploy a flipped classroom

Dr. Abelardo Pardo

Lecturer, School of Electrical & Information Engineering, The University of Sydney

Facultad de Informática
Sala de Grados • 1 de julio de 2014 • 10: 00
entrada libre hasta completar el aforo

resumen:

The term flipped classroom denotes a teaching strategy in which face to face time with the students is reserved to activities requiring active participation and other tasks such as readings are supposed to occur before the lecture takes place. The change translates into a significant perturbation on how lecturers must approach a session, and more importantly the type of activities to prepare.

The ubiquitous presence of technology together with the evolution of computing power allow for the use of learning analytics, collect, analyse and use data about how students interact to adapt these activities to maximize learning gains. How can these techniques be used in a day to day class?

sobre Abelardo Pardo:

Abelardo Pardo is a Lecturer at the University of Sydney, School of Electrical and Information Engineering. He has a PhD in Computer Science by the University of Colorado at Boulder applied to formal verification of digital circuits. Previously he has been Associate Professor at Carlos III University (Madrid, Spain). His research interest is in the application of software engineering techniques to improve all aspects of the well-being of humans and communities. He has experience in the use of mobile devices in areas such as behavioral analytics, social networks, computer supported collaboration, personalization, and technology enhanced learning, which he deploys in his teaching duties. He has participated in national and international projects funded by NSF (USA) and the European Union. Abelardo is author of more than 100 research publications in prestigious conferences and journals, member of the steering committee of the Society for Learning Analytics Research (www.solaresearch.org), and member of the editorial board of the Journal of Social Media and Interactive Learning Environments and the Journal for Learning Analytics.