

“Developing and Teaching with MOOCs”

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Recent innovations in teaching methods and educational technologies, combined with the advent of Internet, advancement in infrastructure that allows for connectivity at a global level, and developments in open access, have been leading scholars to rethink the learning environment for students around the world. Building on these trends, MIT established the Office of Digital Learning (ODL) in 2012. MITx is a constituent organization of ODL, aiming to support development of MIT-quality online courses, and to further understanding of best practices in digital learning. A Massive Open Online Course (MOOC) is an online course aimed at unlimited global participation and open access via the web. Through the end of 2013, 15 MOOCs were offered globally through the EdX platform and 23 online courses were offered at a residential level within the flipped-classroom framework. As discussions go on, more and more questions call for answers. Is there a best way to approach teaching a MOOC? Are there already suggestions about best practices regarding pedagogy and assessment? Should an instructor consider using MOOCs to adjust to the new trend? Online education is likely a game changer but will it eventually completely replace residential education?

In this seminar, Dr. Bagiati, Research Scientist within MIT – Office of Digital Learning, and STEM Curriculum and Pedagogy expert within the MIT-SUTD Collaboration, discusses MOOCs as a way to flip the classroom and enhance residential education, and how MITx and the at MIT-ODL are working along this path. Dr. Bagiati will also present an overview and discuss MIT’s first years of experience with MOOCs development and teaching, as well as lessons learned.