



## **Daphne Koller,**

**Rajeev Motwani Professor in the Computer Science  
Department, Stanford University, Coursera Co-founder, USA**

Daphne Koller is the Rajeev Motwani Professor in the Computer Science Department at Stanford University and the Oswald Villard University Fellow in Undergraduate Education. Her main research interest is in developing and using machine learning and probabilistic methods to model and analyze complex domains. She is the author of more than 180 refereed publications, which have appeared in venues that include Science, Cell, and Nature Genetics (her H-index is over 80). She also has a long-standing interest in education. She founded the CURIS program, the Stanford Computer Science Department's undergraduate summer internship program, and the biomedical computation major at Stanford. In her classrooms she has pioneered many of the ideas that are key to Stanford's massive online education effort. She received the Sloan Foundation Faculty Fellowship in 1996, the ONR Young Investigator Award in 1998, the Presidential Early Career Award for Scientists and Engineers (PECASE) in 1999, the IJCAI Computers and Thought Award in 2001, the MacArthur Foundation Fellowship in 2004, the ACM/Infosys award in 2008, and was inducted into the National Academy of Engineering in 2011. Her teaching has been recognized via the Cox Medal for Excellence in Fostering Undergraduate Research at Stanford (2003) and by being named a Bass University Fellow in Undergraduate Education.

## **Abstract**

Two panelists involved in the implementation of MOOC platforms will present their experiences and analyses of the impact of these platforms on expanding higher education. Daphne Koller of COURSERA and Samantha Earp of HarvardX, representing edX, will also relate to the benefits of MOOCs for on-campus students – and hopefully provide deans with insight into the costs and benefits of MOOCs for students, the changing roles of academic faculty, and what business models are developing. Reference to assessment strategies will also be made.