Abstract
Digital technology has transformed countless areas of life from healthcare to workplace productivity to entertainment and publishing. But education hasn’t changed. EdX aspires to reinvent education through online learning. EdX’s mission is to dramatically increase access to education for students worldwide through online learning, while substantially enhancing campus education in both quality and efficiency through blended models.

EdX’s first course offered by MITx on circuits and electronics drew 155,000 learners from 162 countries. Matching the rigor of the same MIT class, the course included video snippets with interleaved exercises, a virtual laboratory, auto-graded homework and exams, a discussion forum and a wiki. Approximately 7200 students passed the course. This talk will discuss the online learning experience on edX, its platform’s features, as well as lessons learned from its existing worldwide courses and its blended campus classes.

EdX was formed in May 2012 as a joint venture of Harvard and MIT, with a combined $60 million commitment from the two universities. UC Berkeley joined the collaboration in July of this year and is offering two courses on the platform this fall. EdX is a non-profit, and its platform will be available as open source so it can benefit from improvements from the worldwide community.

Biography
Anant Agarwal is the President of edX, an online learning venture of Harvard and MIT. Prof. Agarwal taught the first course of edX on circuits and electronics, which drew 155,000 students from 162 countries. He has served as the director of CSAIL, MIT’s Computer Science and Artificial Intelligence Laboratory, and is a professor of Electrical Engineering and Computer Science at MIT. His research focused on operating systems and computer architectures for manycores and clouds. He is also a founder of Tilera Corporation which created the Tile multicore processor. Agarwal holds a Ph.D. from Stanford and a bachelor's from IIT Madras.