Promoting equity and innovation in HE

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SJTU Strategy for MOOCs

Vision: Making quality education accessible to all

Sharing Mechanism
Course sharing and credit transfer

Quality Courses
Blended Learning

Courses
Platform
Course-sharing Mechanism

Each role has its own responsibility

MOOCs delivered cross campuses with assessment and credits
Opportunities and Challenges for MOOCs

Opportunities

- Promoting teaching reform
- Building a student-centered eco-system

Challenges

- Exploring management mechanisms
  - Faculty, Student, Evaluation, Credit recognition
- Playing an effective role in HE
Pure MOOC vs Blended Learning

MOOC + SPOC + Local Teacher

Blended Learning

Pedagogical Design
Types of Online Resources

- General Education & Base Class Courses
- Professional Education Courses
- Online Experiments
Online Practice / Online Experiment / Online Lab

- Cloud Lab, Virtual Experiment, Simulation Experiment, Distance Experiment, etc. become popular.

- Specialized Online Practice Platform is integrated into blended teaching to promote students’ abilities.

- Online education with online practice will promote Emerging Engineering Education.
University-Enterprise cooperation

- Online Courses
- Online Labs
- Ability Certification
- Case Study
- Project
- Domain
- Product & Platform
Thank You!