

GLOBAL MOOC AND ONLINE EDUCATION CONFERENCE 2021

2021世界慕课与在线教育大会

新常态下的中国慕课与在线教育

CHINA'S MOOC AND ONLINE EDUCATION UNDER THE NEW NORMAL

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世界慕课大会

Global MOOC Conference

2020年12月，世界慕课大会在北京召开，发表《慕课发展北京宣言》
Beijing Declaration on MOOC Development document of the Global MOOC Conference



掀起一场高等教育的学习革命

Learning revolution and higher education transformation

东西部师生同上一堂课

Teachers and students from eastern and western of China attending the same class

喀什大学

中国最西边的高校

Kashgar University

The westernmost university of China



4000km



华东理工大学

上海教师讲授“无机化学”

East China University of Science and Technology

"Inorganic Chemistry" class



推进“慕课西部行计划”

Advancing "MOOC to the West"

西部高校使用慕课

Number of MOOC-using universities
from western China (725)

725 所

西部高校中占比

Percentage of MOOC-using universities
from western China (97.3%)

97.3 %

西部高校教师接受慕课应用
培训 (人次)

Number of teachers trained in
MOOC application (1.4 million)

140 万

慕课
MOOC

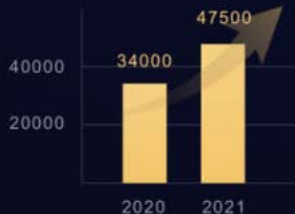
虚拟仿真实验教学课程
Virtual simulation experimental courses

线上“同步课堂”
Online "Synchronous Classes"

线上线下混合式教学
Online & offline hybrid teaching methods

中国高校教育教学的“新常态”

"New Normal" of Education in China's Universities



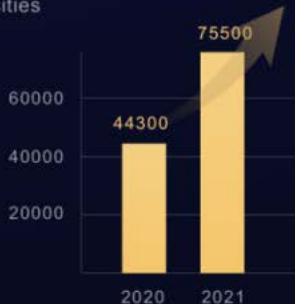
■ 慕课数量 (门)

Number of MOOCs (10,000)



■ 注册用户 (万人次)

Registered users (10,000)



■ 选课人次 (万人次)

Number of MOOC students (10,000)

统计截至2021年10月底

As of the end of October 2021

推进中国慕课的建、用、学、管

China has been advancing the development of MOOC in : Development, Application, Learning and Management.

- ▶ 2019年，在中国慕课大会上发表《中国慕课行动宣言》

A New Era for MOOCs in China of the China MOOC Conference

- ▶ 我们的经验：质量为王、公平为要、学生中心、教师主体、开放共享、合作共赢。

Our Experience: Quality first, Equal opportunities for learning, Student-oriented, A professional team of teachers, Open and shared learning, Mutual Benefit.



推出两个在线教学国际平台

China has launched two international online education platforms



- ▶ 入选联合国教科文组织全球教育联盟
Members of the UNESCO Global Education Coalition
- ▶ 上线900余门多语种在线课程并配套教学服务
Offering more than 900 multilingual online courses and supporting teaching services
- ▶ 面向世界各国学习者免费开放
Available to learners from all over the world for free

中国范式

China Paradigm

- ▶ 构建起类型多样、门类健全的高质量慕课体系
Build a quality MOOC system with various types and good categories
- ▶ 建立了慕课发展的：理念、技术、标准、方法、评价
Establish the China MOOC Paradigm covering philosophy, technology, standards, methods, and evaluation



《加强慕课建设应用与管理的意见》

Regulations on the Development,
Application and Management of MOOC



《慕课建设与应用指南》

A Guide on MOOC Development and
Application in Higher Education



《虚拟仿真实验课程建设与共享应用规范》

Specifications for Virtual Simulation
Experimental Teaching and Shared Application

1. 改变了教师的教

Teachers' teaching changed



清华大学：线上线下融合式教学

Online+offline hybrid teaching developed
- Tsinghua University



面向校内学生开展“未央计划”

Tsinghua's WeYoung Plan for its students



面向兄弟高校开放“克隆班”

Open "Clone Classes" to sister universities



面向全球开设融合式课堂和全球公开课

Global hybrid classes and global open courses

2. 改变了学生的学

Students' studies changed



北京大学：教学资源中台系统

“Teaching Resource Middleground System”
- Peking University



线上线下同步课堂，有效支持了全校3000名因疫情无法返校的国内外学生学习

Supports online synchronous learning for 3000 domestic and foreign students who are unable to return to university due to COVID-19 with online synchronous learning



为在校生提供了个性化自主学习途径：

Provides personalized self-learning approach for students on campus

- 获取各类课程资源和讲座信息 / Access various learning resources and lecture information
- 自主设计学习计划 / Independently design study plan
- 安排学习进度 / Arrange learning progress
- 构建起个性化知识体系 / Build a personalized knowledge system

3. 改变了学校的管

Universities' management changed



西安电子科技大学：智课平台构建教学支撑体系
"Smart Class" system built a quality education
-Xidian University



对线下课堂教学、线上同步课堂、学生自主学习实现了精准、高效的大数据管理与分析

Students independent learning, offline classroom teaching, online synchronous classrooms, accurate and efficient big data management and analysis

- 大数据 / Big data
- 人工智能技术 / Artificial intelligence
- 学情分析 / Academic analysis
- 虚拟教师 / Virtual teachers
- 论文检测 / Plagiarism detection
- 在线远程实验 / Online remote experiments

4. 改变了教育的形态

Education patterns changed



浙江大学：智慧教学生态
Intelligent teaching ecology
- Zhejiang University



实现了线下、线上、混合式教学、智慧学习等多样化学习方式，构建了数字化教学组织、实施、分析和评价的智慧教学生态

Achieved diversified learning methods such as offline, online, hybrid teaching, and smart learning, and built a smart teaching ecology of digital teaching organization, implementation, analysis and evaluation

- “学在浙大” / “Study at ZJU”
- “智云课堂” / “Smart Cloud Classroom”
- 知识图谱 / Knowledge graphs
- 智慧教室 / Smart classrooms
- 在线课程 / Online courses

师生感言

Thoughts of Teachers and Students

学校管理者/University Leader



徐晓飞

哈尔滨工业大学副校长

XU Xiaofei
Vice President of Harbin
Institute of Technology

中国“慕课西部行”激发了西部高校教学变革的内生动力，教与学的能力和水平取得了明显提升。

China's "MOOC to the West" has motivated the power of educational reform in many universities, in which the ability and the level of teaching and learning have been significantly improved.

课程平台负责人/Course Platform



王帅国

学堂在线总裁

WANG Shuanguo
CEO of XuetangX

我们正在通过慕课与在线教学，实现“让每个学生都坐在第一排”。

We are using MOOC and online teaching to enable every student to "sit in the first row of a classroom".

高校教师/Teacher



于歆杰

清华大学电机系教授

YU Xinjie
Professor of Department of
Electrical Engineering,
Tsinghua University

从“以我为中心”自然而然地转换为“以学生为中心”，线上教学的每一堂课，我最关心的是学生是否学明白了。

From "self-centered" to "student-centered", what I care most about every class of online teaching is: Have my students understood?

学生/Student



慕课学习者

MOOC Learner

通过慕课，遇见更多的良师益友，一起看见更大的世界！

Through MOOC, we can meet more good teachers and friends, and see a bigger world together.

中国高等教育愿与世界各国伙伴一道

China's higher education is ready to work with partners from all over the world

开创更加包容、更高质量、更具公平、更有效率的数字教育新局面

To open up new prospects in digital education featuring enhanced inclusivity, quality,
fairness and efficiency

推动高等教育领域的学习革命

And to promote learning revolution in higher education