Reflections on the Chinese National Program of Courses in Excellence(CIE)
反思国家精品课程建设项目

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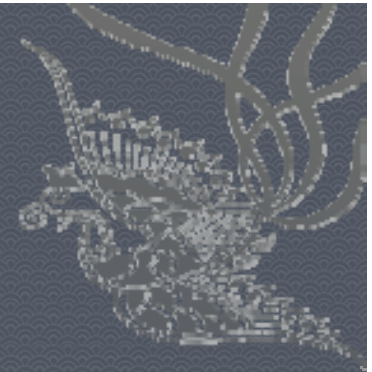Peking University（北京大学）

Questions and Reflections

01
What is the difference between CIE with MIT OpenCourse-Ware ?

02
Does the CIE achieved its goals set by MOE?

03
What is the next steps of CIE in PKU?

Asian Region Opencourseware and Openeducation,Taibei,2010.11.1-2

01

WHAT IS THE DIFFERENCE BETWEEN CIE WITH MIT OPENCOURSEWARE ?

The criteria for a CIE course

一流教师队伍
It should be taught by a team. One professor is the team leader.

一流教学内容
The content should be update in time, no error

一流教学方法
Student-centered, inspirational, with ICT
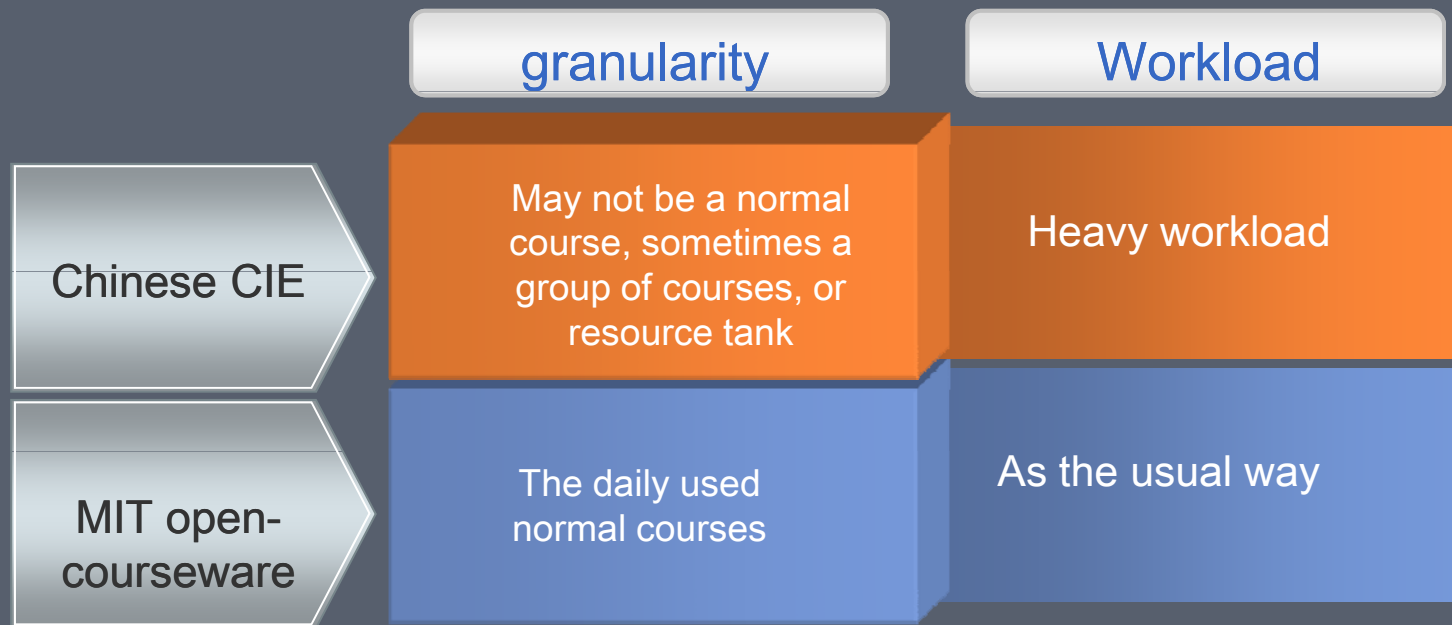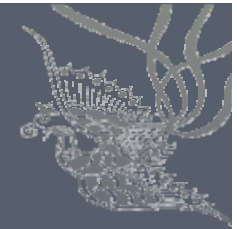
一流教材
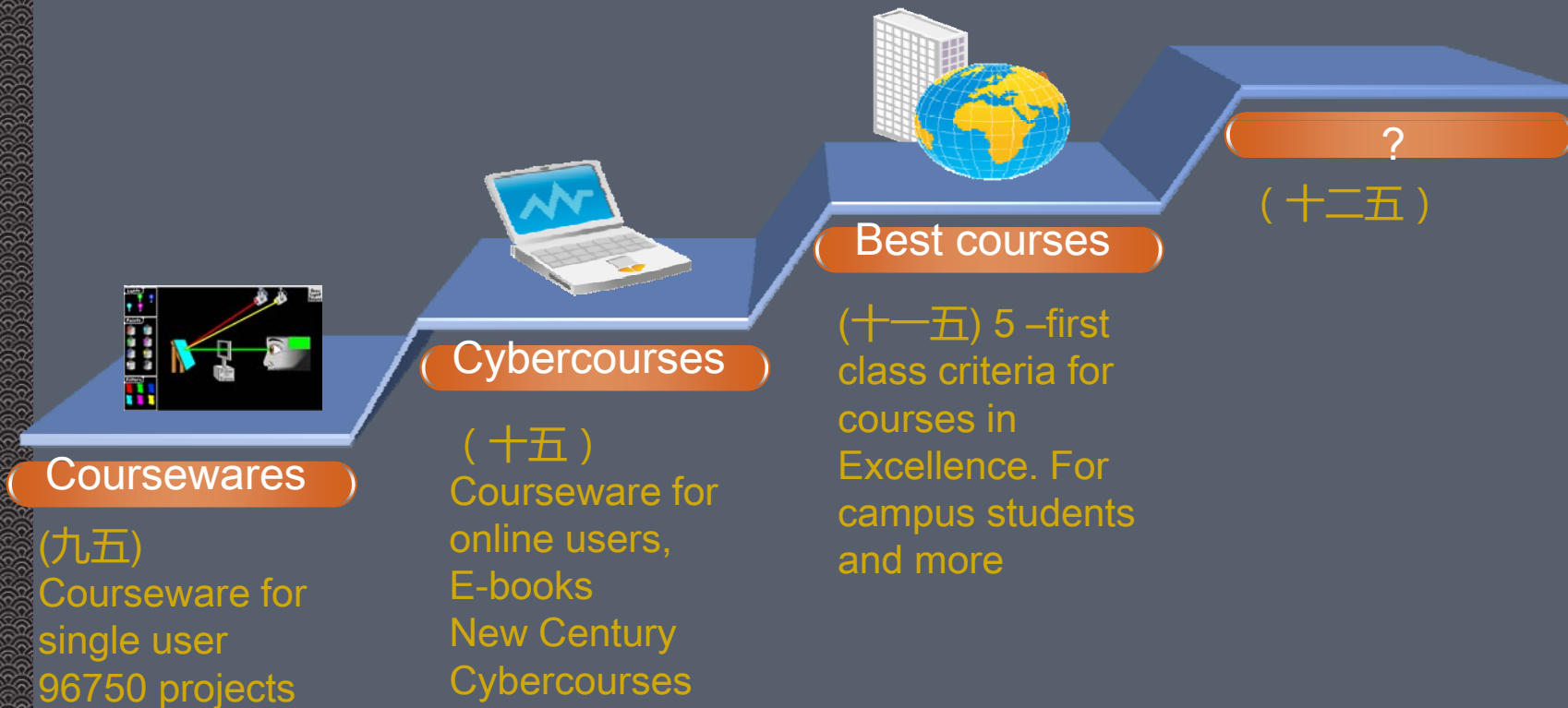The textbook should be authoritative, reviewed and comments by peers

一流教学管理
With students grade books for at least 3 years, students evaluation results
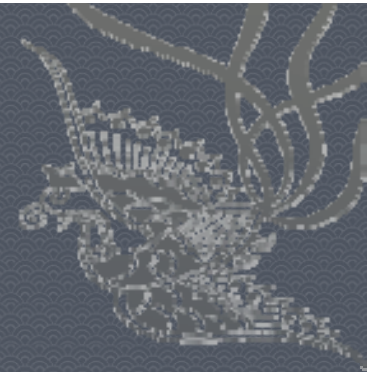
What's the differences?

	granularity	Workload
Chinese CIE	May not be a normal course, sometimes a group of courses, or resource tank	Heavy workload
MIT open-courseware	The daily used normal courses	As the usual way

From historical view

Why the CIE was built in this way?

Coursewares

(九五)
Courseware for
single user
96750 projects

Cybercourses

（十五）
Courseware for
online users,
E-books
New Century
Cybercourses

Best courses

(十一五) 5 –first
class criteria for
courses in
Excellence. For
campus students
and more

?

（十二五）

02

DOES THE CIE ACHIEVED ITS GOALS SET BY MOE?

Among the quality ensure system...

➤ Goals of CIE

- ✓ pay more attention to teaching quality
- ✓ cover the core courses for each majors
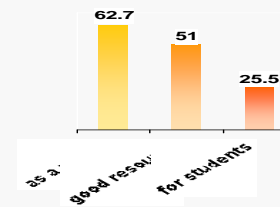- ✗ enhance the accessibility of the best

Instructional quality ensure system

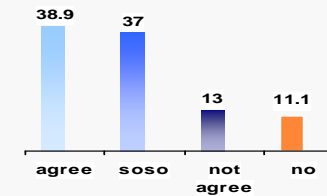**University evaluation system**
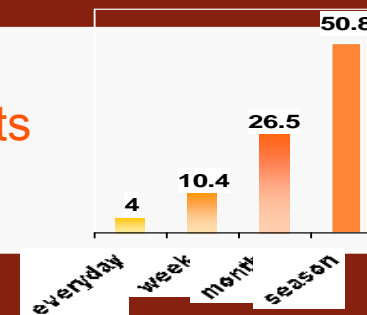
GAP:Building-Sharing-Using

Building for exhibition, not for students

sharing with conditions

Seldom used by students
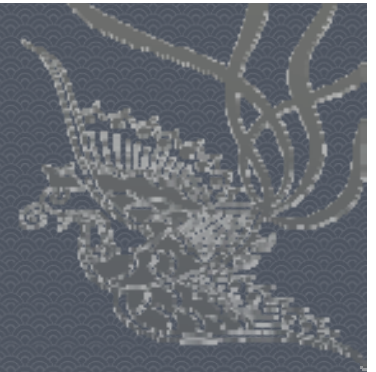
9

The problems raised with the gaps

◆ From the exhibition view
  ◈ The course materials do not update in time
  ◈ The course materials are not integrated
◆ From the usable view
  ◈ Copyright make the materials not easy to be adapted

A reasonable solution:
  ◈ Course owner just show what he/she is teaching based on some criteria given by MOE master plan for easy to use interface
  ◈ Some agents to reorganized and reproduce the courses materials for better sharing for other learners
  e.g. *China National Curriculum Resources Center, some websites for special usser*
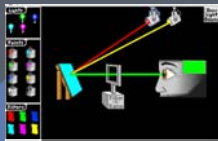
03

WHAT IS THE NEXT STEPS OF CIE IN PKU?

Two threads

1 "using technology to Change the courses"
---Hybrid instruction and blended learning

2 Setting up different websites for different purposes

1. For course evolution

Coursewares

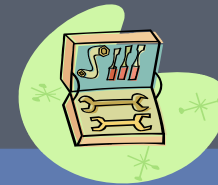(九五) We have wonderful item tanks for math, physics, chemistry, etc.

Cybercourses

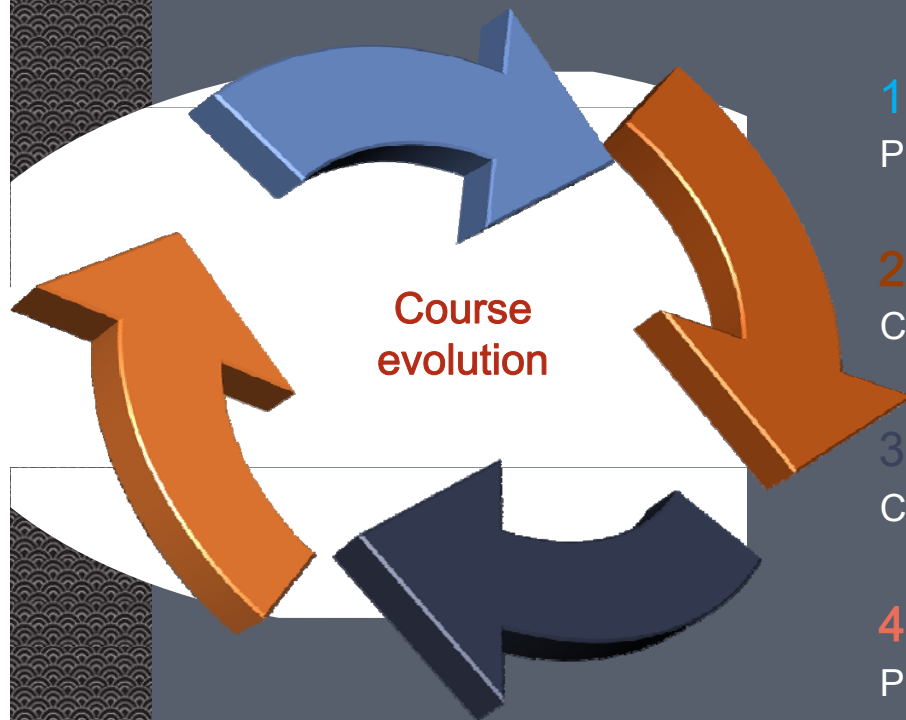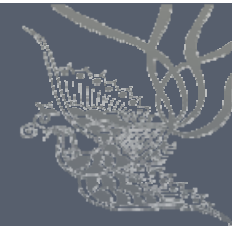（十五）Courseware for network users, E-books

Best courses

(十一五) the 2st university with 87 national level courses in excellence

H-course

（十二五）using technologies to change courses, such as new course material with inquiry questions, homework using subject software,

The steps to make it happen

Course evolution

1. **Collect Subjects used software**
   Professors give the software lists

2. **Buy Campus use licenses**
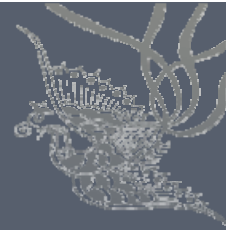   CIO office buys subject software for campus users

3. **Train teaching with technology**
   Center for Educational Technology gives pedagogical training and supports

4. **change the teaching methods**
   Professors find out which content and which activities needs technology supports.

2. Different channels for different users
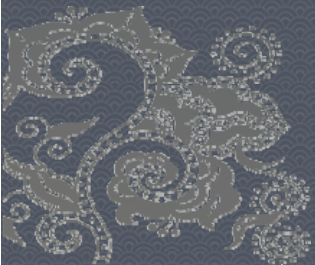
Eg. Course video

- Integrated course recording into CMS automatically----- for courses learners

- PKU Educational TV Channel(Broadcasting via network and cable TV) ---- for exhibition

- PKU opencourses website---- for VOD users

- Prepare for Graduate School Entrance Exam website----- for students preparing for PKU graduate school

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Thanks for attention...

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