Computing + Social Sciences: A course at Peking University and its spreading in China

Li Xiaoming(李晓明), Peking University
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Motivation

- Computing
- Economics
- Sociology
- Psychology
Action: a course for undergraduates

- 2011
- ...
- 2017

The key insights conveyed

The world of 21st century: highly connected richly interacted

Graph Theory

Game Theory

Social network, matching market, sponsored search, information cascading, network effect, small world
Students stories

Han Zhang Wins Award for Paper

Han Zhang has won the Mayer N. Zald Distinguished Contribution to Scholarship Student Paper Award from the Section on Collective Behavior and Social Movements of ASA for his paper "Causal Impact of Witnessing Political Protest on Civic Engagement".

Class of 2011

北京大学课程评估系统 (PAPO)

<table>
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<th>学年</th>
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<th>总平均</th>
<th>所在百分比</th>
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<td>98.89%</td>
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发件人：蔡天乐 <callianie1988@pku.edu.cn>
主题：回复：祝老师教师节快乐，天天快乐哦！
日期：2017年9月11日 GMT-8 下午8:54:37
收件人：LI Xiaoming <lxm@pku.edu.cn>

蔡天乐，很高兴你的这个邮件，我们只有一面之缘的交情啊。

在2017年9月10日，上午9:14，蔡天乐 <callianie1988@pku.edu.cn> 写道：
祝李老师教师节快乐，天天快乐哦 🎊 🎉 🎈
蔡天乐
MOOC: coursera, edX, 华文慕课

First launched in Sept 2013.
20,000+ learners,
500+ completions
Promotion

• Invited talks, conference presentations
• Teacher training program
• Guest lecturer

Over 30 universities in China now have the course offered
Encouraged by the result

*Introduction of Social Science Methods*, led by Prof Qiu Zeqi, will be offered to all freshmen in social sciences, fall 2018. Computational Thinking is invited to be one of the four modules

- Empirical
- Differentiation
- Testing
- Computation
Q&C

lxm@pku.edu.cn，@北京大学李晓明