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Editors

# Software Engineering Education Going Agile

11th China–Europe International Symposium  
on Software Engineering Education  
(CEISEE 2015)

 Springer

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# The History of China-Europe International Symposium on Software Engineering Education

The China-Europe International Symposium on Software Engineering Education (CEISEE) was evolved from the China-Europe International Symposium on Software Industry-Oriented Education (CEISIE), which was founded in 2005, according to rapid development of software engineering education in both China and Europe.

The China-Europe International Symposium on Software Industry-Oriented Education was initialized from an international education project, EMERSION (Education to Meet the Requirements of Software Industry and Beyond—Establishing, Implementing and Evaluating an Industry-Oriented Education Model in China), supported by the “Asia-Link Programme” of European Commission, with the collaboration of the Dublin Institute of Technology (DIT) in Ireland and Harbin Institute of Technology (HIT) in China. During the EMERSION project, the project members shared the educational achievements and experience with more universities and institutes in Europe and in China.

In January 2005, the first China-Europe International Symposium on Software Industry-Oriented Education was held in HIT, Harbin, in China.

It was launched by the members of the EMERSION project, and the symposium’s initial abbreviation was CEIS-SIOE. The second CIES-SIOE also took place in HIT, Harbin, in January 2006. At that conference, it was decided that the conference venue should alternate between China and Europe each year. So, in February 2007, the DIT in Dublin, Ireland, hosted the third China-Europe International Symposium on Software Industry-Oriented Education. Here, the initial abbreviation for the symposium was changed from CEIS-SIOE into CEISIE. January 2008 saw the fourth CEISIE symposium held at the Sun Yat-Sen University, Guangzhou, in China, and the fifth CEISIE symposium was at the University of Bordeaux 1 in Bordeaux, France, in May 2009. May 2010 saw the sixth CEISIE

symposium taking place at the Northwestern Polytechnical University in Xi'an, China, while the seventh CEISIE symposium was hosted by the University of Northampton in Northampton in the UK.

It was then decided to change the name of the symposium from CEISIE into CEISEE (China-Europe International Symposium on Software Engineering Education), in order to extend the scope of the conference and to emphasize its focus on developing the discipline of software engineering. The eighth CEISEE symposium was at the Shanghai Jiaotong University in Shanghai, China, in May 2012, and the ninth CEISEE symposium was held by the University of Pavia in Milan, Italy, in May 2013. Last year, the tenth CEISEE symposium took place at the University of Electronic Science and Technology of China (UESTC), in Chengdu, China.

The CEISIE/CEISEE symposiums were very successful and attracted great attentions from educators, industrialists, and governmental officers, who are interested in software engineering education, across China and Europe. Until now, more than 650 participants from 16 countries, e.g., China, Ireland, UK, France, Germany, Italy, Spain, Switzerland, Sweden, Finland, Poland, Russia, USA, Australia, and South Korea, have attended symposiums.

The CEISEE aims at exploring new approaches to develop software engineering discipline and software engineering education in both China and Europe, according to the changing tendency of technical development of software engineering and educational requirements of the software talents all over the world. The CEISEE is a good platform for the educators, industrialists, and governmental officers related to software engineering education to exchange their ideas, to share their experience, and to develop their academic community in this domain.

## **CEISEE 2015: Topics**

The 11th CEISEE symposium took place in Zwickau, Germany, in April 2015. It was organized by the Westsächsische Hochschule Zwickau – University of Applied Sciences. The theme of the CEISEE 2015 was *Going agile—bridging the gap between agility and budgets*. In general terms, the topics of CEISEE 2015 included:

- Education model for software engineering
- Innovation and evaluation of software engineering education
- Requirement and cultivation of high-quality software engineers for the future
- Curriculum for software engineering education
- Cultivating students to adapt to agile software engineering and customer requirements
- Software engineering for customizing information systems
- MOOC-based e-learning of software education
- Interdisciplinary education for budgeting IT projects

- Internationalization of software engineering education in globalization environment
- Quality assurance in software engineering education
- Cooperation model for industry and software engineering education
- Certification and authentication for professional education on software engineers

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# Contents

<b>Reform and Practice of Laboratory Course for Compiler Principle in HIT</b> . . . . .	1
Yin Chen, Yong Guo, Lin Yao, Dong Li, and Shengchun Deng	
<b>A Philosophical Comparison of Chinese and European Models of Computer Science Education. (A Discussion Paper)</b> . . . . .	9
C.C.H. Rosen	
<b>Study of Progressive Training Plan on Software Engineering Talents</b> . . . . .	15
Zhang Yi, Wen Jun-hao, Liu Ling, Xiong Qing-yu, and Gao Min	
<b>Agile Software Development in Business Informatics: Using Agile Methods for Teaching Purposes at the University of Applied Sciences, Zwickau</b> . . . . .	21
Manja Görner, Stephan Kassel, and Thomas Klein	
<b>International Program Strategy for Software Engineering Skills Development in Software College at NEU</b> . . . . .	29
Dongming Chen, Ruiyun Yu, Nan Yin, and Zhiliang Zhu	
<b>Outstanding Engineer Education Plan for School of Information and Software Engineering at UESTC</b> . . . . .	37
Ting Zhong and Zhiguang Qin	
<b>The Construction for Quality Assurance System (QAS) of Training Professional Master of Engineering of University of Electronic Science and Technology of China</b> . . . . .	45
Xie Juan Wang Ye	
<b>Exploration and Achievements of Students' Vocational Education of Software Engineering Major</b> . . . . .	53
Yan Zhao Zhang and Lei Hong	

<b>Joint UB-HIT Master: A Survey of Graduate Students . . . . .</b>	61
Yan Wang and David Chen	
<b>Enhancing Computing Student Employability Skills Through Partnership Working in STEM Outreach . . . . .</b>	67
Scott Turner	
<b>Review of a Problems-First Approach to First Year Undergraduate Programming . . . . .</b>	73
Gary J. Hill	
<b>The Lab Internship Alternative . . . . .</b>	81
Gianmario Motta, Kaixu Liu, Tainy Ma, and Linlin You	
<b>An Exploration of MOOC + SPOCs Teaching Mode . . . . .</b>	91
Dechen Zhan, Chengjie Sun, and Xiaofei Xu	
<b>Documentation During System Development: Maturity Levels for Decision-Making . . . . .</b>	99
Alexander Rauh, Wolfgang Golubski, André Pflüger, and Chris Rupp	
<b>A Study on the Education Quality Assurance System for Master of Software Engineering . . . . .</b>	105
Kaikun Dong and Dianhui Chu	
<b>Towards a Better Object-Oriented Software Development Education Using the DCI Software Architecture . . . . .</b>	113
Sofia Meacham, Keith Phalp, and Frank Grimm	
<b>Principled Flipped Learning Paradigm for Laboratory Courses in Software Engineering . . . . .</b>	123
Tonghua Su, Shengchun Deng, Xiaofei Xu, Dong Li, and Zhiying Tu	

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