

# International Symposium on Project/Problem Based Learning: Reality or Myth?

於東北大学片平キャンパス さくらホール, 2017年1月18日 13:00 ~  
Sakura Hall, Katahira Campus, Tohoku University, January 18, 2017 13:00 ~

Sponsored by Institute of Engineering Education, School of Engineering, and Institute for Excellence in Higher Education, Tohoku University

This symposium intends to find out the keys to successful and sustainable PBL implementation by identifying the reasons of difficulty to implement it in Japan and potential solutions to them through discussions with invited speakers from the institutes actively promoting PBL education globally.

## International Symposium on Project/Problem Based Learning: Reality or Myth?

- Location: Tohoku University Sakura Hall in Katahira Campus  
([https://www.tohoku.ac.jp/en/about/facilities/conferences\\_events/214\\_sakura\\_hall.html](https://www.tohoku.ac.jp/en/about/facilities/conferences_events/214_sakura_hall.html))
- Time (date): 13:00 – 17:50 (January 18, 2017)
- Working language: English (Questions in Japanese are welcome)
- Participation fee: [free](#)

### Agenda

- 13:00 – 13:05 **Opening, Prof. Akira Ando** (Institute of Engineering Education, School of Engineering, Tohoku University)
- 13:05 – 13:50 **Keynote speech 1**  
**Prof. Kaveh Pahlavan** (Worcester Polytechnic Institute, USA)  
“PBL at WPI – A Historical Perspective”
- 13:50 – 14:35 **Keynote speech 2**  
**Prof. Albena Mihovska** (Aalborg University, Denmark)  
“Problem- and Project-Based Learning for Knowledge and Research Competence in ICT”
- 14:35 – 15:00 Coffee break
- 15:00 – 15:30 **Prof. Takao Ito** (Kanazawa Institute of Technology)  
“PBL in Kanazawa Institute of Technology : KIT Project Design Program”
- 15:30 – 16:00 **Prof. Hiroyuki Odagawa** (National Institute of Technology, Kumamoto College)  
“Introduction of PBL Programs in Kumamoto KOSEN”
- 16:00 – 16:30 **Prof. Shu Kato** (Tohoku University)  
“Pros and Cons of PBL Education: Goal of PBL Education”
- 16:30 – 17:45 **Panel on “PBL - A great Opportunity or Myth?”**  
**Moderator: Prof. Shu Kato**  
**Panelists: All speakers**
- 17:45 – 17:50 **Closing**

- Reception @ Sakura Hall 18:00-19:30 Fee: ¥2,000 per person (¥1,000 / student)
- Registration/question: Please email to [Shukato@riec.tohoku.ac.jp](mailto:Shukato@riec.tohoku.ac.jp) (Tel 022-795-3231)

## Speakers

**Prof. Kaveh Pahlavan** is a Professor of ECE, a Professor of CS, and Director of the Center for Wireless Information Network Studies, Worcester Polytechnic Institute, Worcester, MA. He is the founder and Editor-in-Chief of the International Journal on Wireless Information Networks and a member of the advisory board of the IEEE Wireless Magazine. He has founded and chaired a number of pioneering international conferences in wireless networking. He has been a Westin Hadden Professor of Electrical and Computer Engineering at WPI, a fellow of the IEEE, a fellow of the Nokia, a Fulbright-Nokia scholar and recipient of the Board of Trustees Award for Outstanding Research and Creative Scholarship at WPI.



**Prof. Albena Mihovska** is currently an Associate Professor at the Department of Electronic Systems at Aalborg University (AAU) and has been involved with teaching in the AAU Master program on Innovative Communication Technologies and Entrepreneurship (ICTE) at the Department for Electronic Systems at Aalborg University since 2010. She has successfully supervised more than 12 Master students to obtain their Master degree from Aalborg University in the frames of the project-based learning approach. She is currently the PhD supervisor of 3 PhD students, of which 2 have defended successfully their PhD thesis and the third is expected to defend by the end of 2017. Her latest research is on novel models for large-scale and dense human-centric sensing (HCS) secure connectivity. Most recently, she has proposed a novel approach to dealing with the expected complexity, including the impact on security as a result of that, of beyond 2050 IoT networks based on the concept of macro-simplicity, which has been published as a book chapter by John Wiley&Sons Publishers.



**Prof. Takao Ito** is Takao Ito is a Professor at Kanazawa Institute of Technology, and a Vice Chair in Practical Engineering Education Program. He worked in Toshiba developing analog LSIs for over 30 years.

•In 2012, he joined Kanazawa Institute of Technology. His research interests are in design engineering and project based learning.



**Prof. Hiroyuki Odagawa** received Ph.D in electrical and communication engineering from Tohoku University in 1999, and became an Associate Professor in 2004. He moved to National Institute of Technology (KOSEN), Kumamoto College in 2009, and worked as Director of PBL & Integrated Education Center in 2013-2015. Currently, he is a Director of Innovative Research Center and Professor of Dept. of Information, Communication and Electronic Engineering.



**Prof. Shu Kato** graduated with a Ph.D from Tohoku University and joined NTT Laboratory in 1977. In 1995, he established Pacific Communications Research Inc. and became President of Uniden in 1996. He became senior VP of Mitsubishi Wireless, Inc., (USA) in 1998, and established Omni Wireless, Inc., (USA) in 2001. He worked as VP, Teradyne Japan from 2002 to 2005 to learn why American companies are successful. In 2006, he joined NICT, Japan to help Japanese wireless industry in global competition, and became Professor at RIEC, Tohoku University in 2008. He has interviewed over 1,000 candidates in USA and over 1,000 in Japan for hiring. He has held over 120 patents (including a patent which became DOD (USA) standard ). He currently is Prof. Emeritus, and Appointed & Visiting Prof. at Tohoku University.

