IS HISTORY: THE EVOLUTION OF IS EDUCATION

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Presenter Information
Ping Zhang, Sirkka Jarvenpaa, Kalle Lyytinen, Claudia Loebbecke, David Schwartz, and John Zeleznikow
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Panel

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John Zeleznikow, Victoria University, Victoria, Australia, John.Zeleznikow@vu.edu.au

Abstract

As part of the IS History Initiatives (http://history.aisnet.org), this panel focuses on the historical development of IS education. Panelists will bring various views and perspectives that reflect various regions and stages of the IS education. Given the panel will be at ECIS, panellists will largely reflect the European views although views from other regions or countries will be represented too.

Keywords: IS field, IS history, IS education.

Focus of the Panel: The Historical Development of IS Education

The targeted audience is scholars and educators who are interested in the IS discipline and its history especially on the education side. They may benefit from the memories and opinions of panelists as well as of other members of the audience on issues related to the panel theme. They may become engaged in contributing to the preservation, collection and dissemination of IS history in the future.

To encourage participation, an announcement will be made to the AISWorld list prior to the conference.

At the panel, the panelists present personal recollections on the following topics. Each panelist will cover both Topics 1 and 2; then along with the audience participation, all panelists will address Topic 3.

- Topic 1. Major events or milestones where IS education at a national or regional level was significantly influenced
- Topic 2. Major events or occasions where IS education at a local level was significantly influenced
- Topic 3. Learning from the history: How history helps us in the future
A questionnaire will be collected during the panel time from the audience to focus on the following:

- Audience’s responses to the three topics
- Audience’s additional comments on IS history
- Audience’s willingness to be involved and if so their IDs
- Audience’s evaluation of the panel and suggestions for future activities related to IS history

The panel content, discussions and expansions eventually will be written up into publications to foster preservation and broad dissemination. The feedback from the questionnaire will be used to guide future efforts on the IS History project.

Moderator and Panelists

**Moderator:**

**Ping Zhang,** AIS Historian, Syracuse University, USA

Ping Zhang was one of the key developers of the very first MIS ever custom built in China (1984-1986). After researching and practicing on developing MIS for three different organizations in China for five years (Nanjing Automobile Manufacture, Beijing TV Factory, and Beijing Insurance Company), she decided to pursue a PhD on MIS. She is the author of the first article published in the AIS research flagship journal JAIS. She is co-author (with Dov Te’eni and Jane Carey) of the first HCI textbook for non-CS students. She is co-editor (with Dennis Galletta) of two edited books on HCI and MIS of the Advances in MIS series. She and Dennis Galletta are founding EICs of the first AIS Transactions journal, AIS THCI. In addition, she is a guest SE for MISQ, former SE for JAIS, former AE for IJHCS and CAIS, on the editorial board of JMIS, and a guest editor of eight special issues. Ping co-founded and chaired one of the first six AIS Special Interest Groups, SIGHCI. In 2013, she was appointed the first AIS Historian, leading an important effort to preserve the heritage and legacy of the IS field. Since 2004, she has been visiting professor/scholar of the following universities to give lectures on research and to teach IS specific topics and research methods: The Hong Kong University of Science and Technology, City University of Hong Kong, Fu Dan University, Abu Dhabi University, National Sun Yat-Sen University (Taiwan), Tsinghua University, Australia National University, University of Technology Sydney, Australia, and University of Surrey in UK. She holds multi-year guest professor appointments with the Inner Mongolia University, Renmin University, and Xi’an Jiao Tong University in China. To learn more about Ping, visit http://melody.syr.edu/pzhang.

**Panelists:**

**Sirkka L. Jarvenpaa,** Bayless/Rauscher Pierce Refsnes Chair in Business Administration, The University of Texas at Austin, USA.

Sirkka has held visiting appointments at Harvard Business School, Massachusetts Institute of Technology, University of Melbourne, Queens University, University of Jyvaskyla, Helsinki School of Technology, Aalto University, City University of Hong Kong, Hong Kong University of Science and Technology, University of Gothenburg, etc. She has been a recipient of many best paper awards. At the University of Texas at Austin, she serves as Director of the Center for Business, Technology and Law and Director of Information Management program. She holds three honorary doctorates. Her
research focuses on inter-organizational collaboration in fast paced environments. Dr. Jarvenpaa has served or is serving as the senior editor or editor in chief for numerous journals in her field: *Journal of Association for Information Systems*, *Journal of Strategic Information Systems*, *MIS Quarterly*, *Information Systems Research*, *Organization Science*. She has also served as a guest senior editor to information systems journals and journals in organizational sciences.

At the panel, Prof. Jarvenpaa will discuss the evolving trends in information systems education related to innovation and entrepreneurship.

**Kalle Lyytinen**, Iris S. Wolstein Professor, Weatherhead School of Management, Case Western Reserve University.

Kalle Lyytinen (PhD, Computer Science, University of Jyvaskyla; Dr. h.c. from Umeå University) is Iris S. Wolstein professor at Case Western Reserve University and a visiting CIIR professor at University of Umeå, Sweden and at London School of Economics, U.K.. He is currently Associate Dean of Research and the Academic Director of the Doctor of Management Programs at Weatherhead School of Management. Between 1992 and 2012 he was the 3rd most productive scholar in the IS field when measured by the AIS basket of 8 journals; he is currently among the 5 most cited scholars in the IS field based on his adjusted h-index (65). He is LEO Award recipient (2013), AIS fellow (2004), and the former chairperson of IFIP WG 8.2. He has published around 300 refereed articles and edited or written nearly 20 books or special issues on the nature of IS discipline, system design, method engineering, computer supported cooperative work, standardization, ubiquitous computing, social networks. He recently edited a special issue to *Organization Science* on digital innovation and is currently editing a special issue to *MISQ* on social communications and symbolic aspects of information systems and a special issue to *ISR* on the Information Technology and Future of Work. He is involved in research that explores the IT induced radical innovation in software development, digitalization of complex design processes, requirements discovery and modeling for large scale systems, and digital infrastructures especially for mobile services.

At the panel, Kalle will discuss some parts of the history of creating system design/development curricula in the 1980’s.

**Claudia Loebbecke**, Chair of Business, Media and Technology Management and Director of the Department of Media and Technology Management at the University of Cologne.

In 2005-2006, Claudia Loebbecke was president of the Association for Information Systems (AIS); in 2012, she was named AIS Fellow. She is Board Member of the European Academy of Sciences (EURASC); from 2011-2013, she was been Member of the High Level Group (HLG) on Innovation Policy Management to the European Council, and won the Research Competition of the 'Society for Information Management' in 2011 for her study 'Assessing Cloud Readiness' with T. Thomas and T. Ullrich (both Continental AG).

Claudia serves as SE of the Journal of Strategic Information Systems (JSIS) and on several Editorial Boards. Her previous employments include INSEAD (France), McKinsey & Co. (Germany), Hong Kong University of Science and Technology (Hong Kong/PRC), Erasmus University (Netherlands), and Copenhagen Business School (Denmark). Research stays brought her twice to Sloan School/MIT (US) and to the University of New South Wales (Australia), INSEAD (France), Bentley University (US), London School of Economics (UK), LUISS (Italy), and the University of Paris-Dauphine (France).

She received a PhD (1995) in Business Administration from the University of Cologne, Germany, and an MBA from Indiana University, Bloomington, IN, USA (1991) and is elected member of the European Academy of Sciences and of Beta Gamma Sigma. For further details, see [www.mtm.uni-koeln.de/team-loebbecke-home-engl.htm](http://www.mtm.uni-koeln.de/team-loebbecke-home-engl.htm).
At the panel, Claudia Loebbecke will reflect upon the development of IS education in business school in light of cross-disciplinary trends and buzz words such as new media, business model, big data analytics.

**David G. Schwartz**, Professor of Information Systems, Graduate School of Business Administration, Bar-Ilan University, Israel

As current vice-chairman of the Graduate School of Business Administration, and head of its Information Systems divisions between the years 1995-2001 and 2003-2007, David has been actively involved in setting Information Systems curriculum for the better part of two decades. David’s research has appeared, or is scheduled to appear in *Information Systems Research*, *IEEE Intelligent Systems*, *Information Systems*, *International Journal of Human-Computer Studies*, *Review of Marketing Science*, and the *Journal of Organizational Behavior*. His books include Cooperating Heterogeneous Systems, Internet-Based Knowledge Management and Organizational Memory, and the Encyclopedia of Knowledge Management. From 1998 to 2011 he served as editor of the journal *Internet Research*. David earned his Ph.D. in Computer Science from Case Western Reserve University, USA; MBA from McMaster University, Canada; and B.Sc. from the University of Toronto, Canada. David is the recipient of the Israel Chamber of Information Systems Analysts Award for *Founding Contribution to the Establishment and Strengthening of the Academic Field of Information Systems*.

At the panel, Prof. Schwartz will discuss recent work (*ISR*, forthcoming) focusing on the historic comparison of medical education and the choices that discipline made following a wave of disciplinary unification in the 1800’s and in the wake of the Flexner Report of 1910, in contradistinction to the education models being followed by the Information Systems community. Special attention will be given to the specialization structure of Medicine and the implications of following a similar model for Information Systems.

**John Zeleznikow**, Professor of Information Systems, Laboratory of Decision Support and Dispute Management, College of Business, Victoria University, Victoria, Australia.

John Zeleznikow has taught and conducted research in mathematics, computer science and law for over forty years. He has worked in Australia, USA, France, Netherlands, Israel, Belgium, United Kingdom and Poland, has supervised 15 PhD students to completion and has received over five million euros in competitive research funding. His research innovations have won many prizes (including ABC (Australia) New Inventors and Australian Conference on Information Systems Conference best paper award). Currently he teaches a Research Methods subject and initiates, motivates, supervises and mentors Interdisciplinary Information Systems research. He has written research monographs on Intelligent Legal Information Systems, Knowledge Discovery in Legal Databases and the use of Information Technology to enhance Dispute Resolution.

At the panel, Prof. Zeleznikow will discuss the value of interdisciplinary research and in particular evolving trends such as data analytics, social media and design science.