

ICAMPUS

aims at achieving broad, substantial, and sustainable impact on higher education through information technology. iCampus incubates innovations for labs, classrooms, and campus communities at MIT and promotes their dissemination around the world.

FIRST ASIAN ICAMPUS WORKSHOP

TSINGHUA UNIVERSITY

JUNE 13-15, 2006
BEIJING, CHINA

ICAMPUS TEAM BIOS



Massachusetts
Institute of
Technology



China Open Resources for Education

Microsoft
Research

THE ICAMPUS TEAM

Hal Abelson is Professor of Electrical Engineering and Computer Science and a fellow of the Institute of Electrical and Electronics Engineers. He is winner of several teaching awards, including the IEEE's Booth Education Award, cited for his contributions to the teaching of undergraduate computer science. Abelson's research at the MIT Artificial Intelligence Laboratory focuses on "amorphous computing," an effort to create programming technologies that can harness the power of the new computing substrates emerging from advances in microfabrication and molecular biology. He is also engaged in the interaction of law, policy, and technology as they relate to societal tensions sparked by the growth of the Internet, and he is active in projects at MIT and elsewhere to help bolster our intellectual commons. He is co-director of the MIT-Microsoft Research Alliance in educational technology and co-head of MIT's Council on Educational Technology, which oversees MIT's educational technology strategy. He also serves as consultant to Hewlett-Packard Laboratories.



Jesus A. del Alamo holds a Telecommunications Engineer degree from the Polytechnic University of Madrid and MS and PhD degrees from Stanford University. From 1985 to 1988 he was with NTT LSI Laboratories in Atsugi (Japan) and since 1988 he has been with the Department of Electrical Engineering and Computer Science of Massachusetts Institute of Technology where he is currently Professor and MacVicar Faculty Fellow. His current research interests are on microelectronics technologies for communications and data processing. He has a particular interest in Si LDMOS, CMOS, and GaAs PHEMTs for RF power applications and in InGaAs HEMTs as a beyond-the-roadmap logic technology. He is also active in online laboratories for science and engineering education.



Prof. del Alamo has received numerous teaching awards at MIT: the Baker Award, the Edgerton Junior Faculty Achievement Award, the Smullin Award, and the Bose Award. He was an NSF Presidential Young Investigator. He is a member of the Royal Spanish Academy of Engineering and Fellow of the IEEE. He currently serves as Editor of IEEE Electron Device Letters.



THE ICAMPUS TEAM

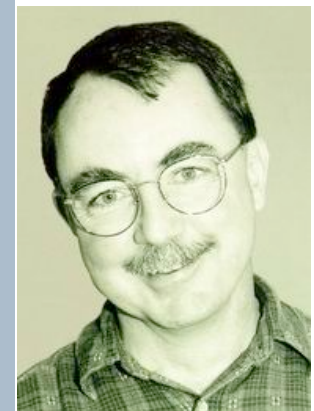
Professor Steven R. Lerman holds the Class of 1922 Distinguished Professorship at the Massachusetts Institute of Technology. He directs the Center for Educational Computing Initiatives, an MIT-wide research center devoted to studying the application of computational and communication technologies in education. He previously was Chair of the MIT faculty. From 1983 to 1988, Professor Lerman directed MIT's Project Athena. This project developed a campus-wide distributed system of advanced computer workstations at MIT. He is co-Principal Investigator with Jesus del Alamo of the iLabs project.



James Hardison is a Research Engineer with the Microsystems Technology Labs at the Massachusetts Institute of Technology. He holds a B.S. in Electrical Engineering and Computer Science from M.I.T. Presently, he is involved with the management and development of the Microelectronics WebLab and Dynamic Signal Analyzer online laboratories at M.I.T. as well as the design and development of the iLab Shared Architecture. He is a member of the IEEE.



Dr. Judson Harward is Principal Research Scientist at MIT's Center for Educational Computing Initiatives. He is architect and project manager for the iLab Shared Architecture. He played the same role for the Athena Muse 2 cross-platform multimedia environment and has directed research projects focused on intelligent distributed sensor and decision support systems. He co-teaches one of the large undergraduate computing courses at MIT. His research interests include object-oriented application design and distributed multimedia.



THE ICAMPUS TEAM

Phillip Long is a Senior Strategist for the Academic Computing Enterprise at the Massachusetts Institute of Technology, and Director of Learning Outreach for MIT iCampus. He provides direction in applying MIT Information Services and Technology resources to support the integration of technology into the curriculum. He leads the MIT iCampus dissemination effort freely sharing MIT developed educational technology tools to support active learning & scalable web services for undergraduate instruction.

Dr. Long received his Ph.D. in Biology from Penn State, & post-doctoral training as an NIMH Fellow at the Institute for Animal Behavior, Rutgers University. He was selected as a National Library of Medicine Fellow in Medical Informatics, while Assoc. Dir. for the Medical Research Library at SUNY Downstate. Dr. Long's professional activities are numerous: NMC Board (06-09), NMC Project Horizon 2005, 2006 Syllabus Conference Campus Host, 2006 ELI SAC Program Committee Chair, Steven's Institute of Technology Web-Campus board, past member of the US Army Distance Learning Subcommittee, and many others.

Philip H. Bailey is a Senior Project Manager at M.I.T.'s Center for Educational Computing Initiatives. He joined CEI in 1992, and has worked on numerous CEI projects. Prior to joining CEI Mr. Bailey designed user interfaces for Bell Atlantic Software Systems, multimedia authoring tools for Times-Mirror, and manufacturing software for Honeywell/Bull.

Before becoming involved with computers, Mr. Bailey owned and operated a media production company which specialized in the educational and industrial markets.



THE ICAMPUS TEAM

Paul Oka, As a research program manager, Mr. Oka is responsible for coordinating multi-million dollar research alliance between Microsoft Research and Massachusetts Institute of Technology. Mr. Oka is a member of Microsoft External Research and Programs group and is located on MIT's campus in Cambridge, MA where he supports research projects as a technical advisor and coordinates technology transfer with universities, Microsoft Research teams, and advises on advancing next generation technologies for life-long education.

Mr. Oka joined Microsoft in 1993 where he spent 7 years working with fortune 100 companies in the New England area building distributed systems on Microsoft technologies. Prior to joining the External Research and Programs group, Mr. Oka was the Director of the Microsoft Technology Center in Waltham, MA. Before joining Microsoft, Mr. Oka worked for Honeywell Bull Information Systems CASE tools department where he develop API's to access local OLTP systems from both UNIX and Windows systems.

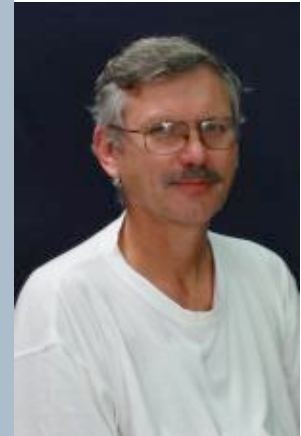
Mr. Oka attended University of Massachusetts, Amherst. He holds a bachelor's degree in computer systems engineering.

Sean Gilbert is the Director of Project Development for the MIT-China Program. He was born in Shrewsbury, England; early childhood in Australia; grew up in Sea Cliff, Long Island, New York. Arrived at MIT in July 2000 after working for eight years on automotive and data processing joint ventures in Jinan, Shandong Province and at an environmental company in Taipei specializing in erosion control protection at mountain slope construction sites and flood and earthquake areas. Received a BA in East Asian Studies from New York University and an MA in Chinese Studies from Princeton University. Interested in Chinese technology transfer projects.



THE ICAMPUS TEAM

Mark Schulz is a Senior Lecturer and the Director of Learning Outreach within the School of Information Technology and Electrical Engineering at The University of Queensland and the iCampus Hub Coordinator at The University of Queensland. He is also the Deputy Director of Studies for the Faculty of Engineering, Physical Sciences and Architecture. He holds a BE(Electrical) and an MEngSc from the University of Queensland, and a PhD from the University of Essex in the UK. He has worked as a full-time consultant, as a research scientist, has been on the academic staff of the University of Essex, The University of New South Wales, and finally The University of Queensland where he has worked since 1987. His teaching is in the areas of digital system design and embedded systems. His research interests are in the areas of embedded computer systems and sensor networks.



Joel Carpenter is the iLabs Chief Developer at the University of Queensland/ Joel is currently completing his Bachelor of Engineering and Bachelor of Science at the University of Queensland. In 2005 he created the first iLab developed without direct MIT assistance as part of his undergraduate thesis. Joel is now employed to assist in the technical aspects of creating new iLabs, maintaining the existing experiments and the creation and maintenance of a permanent iLab network infrastructure at UQ



THE ICAMPUS TEAM

Dr. Gao ZHANG, University Relations Manager, Microsoft Research Asia

Dr. Gao ZHANG is University Relations Manager to coordinate the research cooperation of Microsoft Research Asia with universities in China. Dr. Gao ZHANG got Bachelor's and Master's Degree from Huazhong University of Science and Technology, China. He got Ph.D. from Software Institute, Chinese Academy of Sciences and joined Microsoft Research Asia (MSRA) in 1999. He worked as researcher in User Interface Group to design natural interaction interface for next-generation PCs. He took responsibility of building cooperation with university in research since 2001.

