

EVENT SCHEDULE

Sunday, October 28

Idea Shop at University Technology Park
IIT Main Campus, 3440 South Dearborn Street

5–7 p.m. Cocktail reception & hors d'oeuvres

Monday, October 29

The McCormick Tribune Campus Center, McCloska Auditorium
IIT Main Campus, 33rd & State Street

- 8:30 a.m. Check in // Breakfast // Student Posters
- 9:30 a.m. Welcome from Provost Alan Cramb
- 9:45 a.m. Keynote featuring Jack Dongarra, "Algorithmic & Software Challenges When Moving Towards Exascale"
- 11 a.m. Break
- 11:15 a.m. Panel on CS Innovation
- 12:30 p.m. Lunch & Informal Sharing of Memories (MTCC Ballroom)
- 1:45 p.m. Group Photo
- 2 p.m. Student Poster Presentation (MTCC Welcome Center)

IIT COMPUTER SCIENCE

presents

THE DEPARTMENT OF COMPUTER SCIENCE REUNION 2012

The McCormick Tribune Campus Center (MTCC)
IIT Main Campus

Monday, October 29, 2012



Computer Science is rapidly changing the world. With new developments happening every day, a rigorous education combining the theory of information and computation with hands-on system and software design is the key to success. As one of the oldest computer science departments in the Chicago area, CS at IIT has a long history of meeting this challenge through quality education in small classroom environments along with internship and research opportunities in industry and national laboratories.

The department offers Bachelor of Science, Master of Science, Professional Master's and Ph.D. degrees and has research strengths in distributed systems, information retrieval, computer networking, intelligent information systems, algorithms, and other areas. Armed with a combination of cutting-edge computing expertise, critical thinking skills and a practical approach for getting things done, IIT CS graduates are prepared to find their place in this dynamic field, and to become the innovators of tomorrow. Read more about our history: www.iit.edu/csl/cs/about/history.shtml

This event will be photographed and videotaped. Illinois Institute of Technology may use photos and videos in promotional materials.

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IIT College of Science and Letters
ILLINOIS INSTITUTE OF TECHNOLOGY



Message from the Chairman



IIT has a glorious history of innovation and education, and the computer science department has been an exemplar of IIT's spirit and contributions. In the early 1960s, when mainframes had just become available, IIT already had established its computer science curriculum with a self-created programming language called IITRAN. In addition to teaching IIT students, we also advanced computer education through a Saturday non-credit program for high school students and their teachers. In

10 years, 15,000 high school students and 1,200 teachers studied under this program. One of those students was Ward Cunningham, the inventor of Wikis. The computer science department was formally established in 1971. One of its first graduates is our featured speaker, Jack Dongarra (M.S. CS '73), distinguished professor of electrical engineering and computer science at the University of Tennessee and a member of National Academy of Engineering. More than 5,000 students have received an IIT computer science degree over the past 40 years. In addition, tens of thousands of non-computer science majors have learned critical analytical and computational skills through computer science coursework.

Building on the enthusiasm of last year's inaugural CS reunion, we are calling all computer science alums to gather at IIT's Main Campus to celebrate our past and frame the future. Several of our founding members such as Charles Bauer, Martha Evens, Peter Greene, and Cookie Ruggiero are still active on campus. Several of our other founding members such as Robert Dewar, Ron Hochsprung, and Anthony Wojcik have been invited to the reunion, and many members of our distinguished group of alums have already made their plans to come back. Please join us to share a very special time together, meet old friends, make new friends, and share your experiences and wisdom to help us move the department forward.

Looking back, we want to hear what IIT did right to support you. We want to know how we can continue helping our alumni to climb their respective career ladders. I invite all of you, our alumni and friends, to come together on Monday, October 29, 2012. I hope we can put our collective wisdom and resources together and work to help determine the things we can do together to create a remarkable future for computer science at IIT.

Xian-He Sun
Chair, Computer Science | Professor of Computer Science | IEEE Fellow

Keynote Speaker



JACK DONGARRA (M.S. CS '73)

University of Tennessee, University of Manchester
Oak Ridge National Laboratory
CS Advisory Board Member

"Algorithmic & Software Challenges When Moving Towards Exascale"

Jack Dongarra holds an appointment at the University of Tennessee, Oak Ridge National Laboratory, and the University of Manchester. He specializes in numerical algorithms in linear algebra, parallel computing, use of advanced-computer architectures, programming methodology, and tools for parallel computers. He was awarded the IEEE Sid Fernbach Award in 2004 for his contributions in the application of high-performance computers using innovative approaches; in 2008 he was the recipient of the first IEEE Medal of Excellence in Scalable Computing; in 2010 he was the first recipient of the SIAM Special Interest Group on Supercomputing's award for Career Achievement; and in 2011 he was the recipient of the IEEE IPDPS 2011 Charles Babbage Award. He is a Fellow of the AAAS, ACM, IEEE, and SIAM and a member of the National Academy of Engineering.

Panel on Computer Science Innovation

Panel Moderator:

Tim Stojka (CS Advisory Board Member, IIT Trustee)
Chief Executive Officer of Agentis Energy

Panelists:

Robert Dewar (CS Faculty 1968-75)
Emeritus Professor of CS at the Courant Institute of Mathematical Sciences at NYU
President and CEO of Ada Core Technologies

Jack Dongarra (M.S. CS '73, CS Advisory Board Member)
University of Tennessee, University of Manchester
Oak Ridge National Laboratory

Sherrie Littlejohn (M.S. CS '82, CS Advisory Board Member)
Executive Vice President at Wells Fargo

Peter Magrini (CS Advisory Board Member)
Chief Information Officer and Senior Vice President at The Northern Trust Company

Ogi Redzic (M.S. CS '98)
Vice President, Traffic, Nokia Location & Commerce