CALL FOR PAPERS & PARTICIPATION

ICER 2015
11th ACM International Computing Education Research Conference

August 9-13, 2015 - Omaha, Nebraska, USA

http://icer.hosting.acm.org

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SUBMISSIONS

The 11th ACM ICER conference aims to gather high-quality contributions to the computing education research discipline. We invite submissions across a variety of categories for research investigating how people of all ages come to understand computational processes and devices, and empirical evaluation of approaches to improve that understanding in formal and informal learning environments.

TOPICS OF INTEREST

• Discipline-based education research (DBER) in computer science (CS), information sciences (IS), and related disciplines
• Learnability/usability of programming languages and the psychology of programming
• Pedagogical environments fostering computational thinking
• Design-based research, learner-centered design, and evaluation of educational technology supporting computing knowledge development
• Learning sciences in the computing content domain
• Learning analytics and educational data mining in CS/IS content areas
• Informal learning experiences related to programming and software development (all ages), ranging from after-school programs for children, to end-user development communities, to workplace training of computing professionals
• Measurement instrument development and validation (e.g., concept inventories, attitudes scales, etc) for use in computing disciplines
• Research on CS/computing teacher thinking and professional development models at all levels

SUBMISSION TYPES

ICER provides multiple submission categories for authors, students, and attendees:

• Research Papers
• Lightning Talks
• Posters (NEW!)
• Work-in-Progress Workshop
• Doctoral Consortium
• Co-located Workshops

IMPORTANT DUE DATES

April 13, 2015:
  Research Paper Abstracts Due
April 20, 2015:
  Review Copy of Research Papers Due
June 1, 2015:
  Paper Author notifications

May 20, 2015:
  Doctoral Consortium Submissions

June 15, 2015
  Lightning Talk Abstracts Due
  Poster Abstracts Due
  Work in Progress Workshop Deadline

ATTEND ICER!

The University of Nebraska at Omaha welcomes ICER'15 to its campus and the greater metropolitan Omaha area!

ICER uses a single-track conference format that actively fosters discussion between presenters and attendees alike. We encourage both newcomers and those who have previously attended to consider joining us in August for a full program of events.

2015 KEYNOTE SPEAKER

Dr. Jim Spohrer
IBM
Global University Programs &
Cognitive Systems Institute

We are delighted to have Jim Spohrer as our plenary speaker this year. Over 25 years ago he and Elliott Soloway edited the influential book *Studying the Novice Programmer,* which laid the foundation for many modern computing education research programs.

CONFERENCE SCHEDULE

Sun, August 9
  *Doctoral Consortium and
  Co-located Workshops*

Mon, August 10 - Wed, August 12
  Main Conference Presentation Sessions

Wed, Aug 12 & Thurs, Aug 13
  Work in Progress Workshop

For more conference details, travel information, and area attractions see the conference website.