Wednesday, March 26

**9:00am - 10:40am Session**  
*Session Chair: Mehran Sahami*

- **9:00am-9:10am:** Introduction to the Symposium  
  Mehran Sahami (Stanford)
- **9:10am-10:10am:** Invited Talk: Technology Empowerment and the TeRK Project  
  Illah Nourbakhsh (CMU)
- **10:10am-10:40am:** Robotics and AI as a Motivator for the Attraction and Retention of Computer Science Undergraduates in Canada  
  John Anderson, Jacky Baltes (Univ. of Manitoba)

**10:40am - 11:00am Break**

**11:00am - 12:30pm Session**  
*Session Chair: Zachary Dodds*

- **11:00am-11:30am:** Robotics As A Component Of A General Education Course  
  Susan Imberman, Sarah Zelikovitz (College of Staten Island, CUNY)
- **11:30am-12:00pm:** Engaging Computing Students with AI and Robotics  
  Deepak Kumar, Doug Blank (Bryn Mawr), Tucker Balch, Keith O’Hara, Mark Guzdial (Georgia Tech), Stewart Tansley (Microsoft Research)
- **12:00pm-12:30pm:** AI, AIBO and ART: Inspiring Interaction with Computer Science  
  Sheila Tejada (CUNY)

**12:30pm - 2:00pm Lunch**

**2:00pm - 3:30pm Session**  
*Session Chair: Illah Nourbakhsh*

- **2:00pm-2:20pm:** Restructuring the Introductory Computer Science Course with Topics from AI  
  Timothy Huang (Middlebury)
- **2:20pm-2:40pm:** Improving CS Student Retention with Intelligent Agents  
  Fang Tang, Robert W. Kerbs, Gilbert S. Young (Cal Poly, Pomona)
- **2:40pm-3:00pm:** SpelBots: Using Autonomous Robotics to Inspire Women to Participate in Computer Science  
  Andrew B. Williams, Whitney O’Banner (Spelman)
- **3:00pm-3:20pm:** The ARTSI Alliance: Recruiting Underrepresented Students to Computer Science and Robotics to Improve Society  
  Andrew B. Williams (Spelman), David S. Touretzky (CMU), LaVonne Manning (Univ. of District of Columbia), Jessie J. Walker (Univ. of Arkansas, Pine Bluff), Chutima Boonthum (Hampton), Jeffrey Forbes (Duke), and Jayfus T. Doswell (Juxtopia)

**3:30pm - 4:00pm Break**
4:00pm - 5:30pm Session
Session Chair: Marie desJardins

4:00pm-4:30pm: Invited Talk: How to Revolutionize Education for AI, CS, and Everything
Peter Norvig (Google)

4:30pm-5:00pm: Wiimote Interfaces for Lifelong Robot Learning
Micah Lapping-Carr, Odest Chadwicke Jenkins, Theadora Hinkle, Jonas Schwertfeger, Daniel Grollman (Brown)

5:00pm-5:30pm: Synergizing AI and OOSE: Enhancing interest in Computer Science through game-playing and puzzle-solving
T.M. Rao, Sandeep Mitra (SUNY Brockport)

6:00pm - 7:00pm Reception

Thursday, March 27

9:00am - 10:30am Session
Session Chair: Todd Neller

9:00am-10:00am: Invited Talk: Computational Economics
Vincent Conitzer (Duke)

10:00am-10:30am: Using artificial intelligence to help bridge students from high school to college
Elizabeth Sklar, Simon Parsons, Sheila Tejada (CUNY), Susan Lowes (Columbia), M Q Azhar, Samir Chopra, Richard Jansen, Ira Rudowsky (CUNY)

10:30am - 11:00am Break

11:00am - 12:30pm Session
Session Chair: Marie desJardins

11:00am-11:30am: A New Start: Innovative Introductory AI-Centered Courses at Cornell
Eric Breck, David Easley, K-Y Daisy Fan, Jon Kleinberg, Lillian Lee, Jennifer Wofford, Ramin Zabih (Cornell)

11:30am-12:00pm: Leveraging AI’s breadth in CS 1
Zachary Dodds (Harvey Mudd)

12:00pm-12:30pm: Something About Extended Exercises from AI for Intro Students
Wayne Iba (Westmont)

12:30pm - 2:00pm Lunch

2:00pm - 3:30pm Session
Session Chair: Tom Lauwers

2:00pm-2:30pm: Artificial Intelligence for Non-Majors at Multiple Levels
Andrea Danyluk (Williams)

2:30pm-3:00pm: Throw Down an AI Challenge
Todd Neller (Gettysburg), Ingrid Russell (Hartford), Zdravko Markov (Central Conn. State)

3:00pm-3:30pm: Using Science Fiction in Teaching Artificial Intelligence
Milind Tambe, Anne Balsamo (USC), Emma Bowring (Univ. of Pacific)

3:30pm - 4:00pm Break
4:00pm - 5:30pm Session
Session Chair: Mehran Sahami

4:00pm-5:00pm: Invited Talk: *Teaching with Sensor Nodes*
Phil Levis (Stanford)

5:00pm-5:30pm: *Robot Diaries: Broadening Participation in the Computer Science Pipeline through Social Technical Exploration*
Emily Hamner (CMU), Tom Lauwers (CMU), Debra Bernstein (Univ. of Pittsburgh), Illah Nourbakhsh (CMU), Carl DiSalvo (Georgia Tech)

6:00pm - 7:30pm Plenary Session

Friday, March 28

9:00am - 10:30am Session
Session Chair: Zachary Dodds

9:00am-9:30am: *Experiences with Artificial Intelligence as an Undergraduate Creative Capstone Course*
V. Scott Gordon (CSU, Sacramento)

9:30am-10:00am: *200 Students Can’t Be Wrong! GamesCrafters, a Computational Game Theory Undergraduate Research and Development Group*
Yanpei Chen, Patricia C. Fong, Jerry Hong, Deepa Mahajan, Cynthia Okita, David Eitan Poll, Alan Roytman, Ofer Sadgat, Daniel D. Garcia (UC Berkeley)

10:00am-10:20am: *Iterative Design of a Robot-Centered Curriculum for the Introduction to Computer Science Course*
Tom Lauwers, Illah Nourbakhsh (CMU)

10:30am - 11:00am Break

11:00am - 12:30pm Session
Session Chair: Todd Neller

11:00am-11:20am: *Can Computers Think? —an introduction to computer science, programming, and artificial intelligence*
Kristina Striegnitz, Valerie Barr (Union)

11:20am-11:40am: *Can AI help develop socially-engaged computational thinkers?*
Douglas H. Fisher (Vanderbilt)

11:40am-11:50am: *Symposium Wrap-Up*

11:50am-12:30pm: *Demonstrations*