Conference theme: **Socially Responsible Computing Research**

Sessions will be broken down into four tracks which are color coded below:

- **Track 1: Computing Departments – Undergraduate and graduate interest in computer science has skyrocketed. This track includes sessions that will explore how to support high-quality, diverse research and teaching in the context of booming enrollments.**

- **Track 2: Computing Education – This track looks at areas that are emerging as an important part of the computing research curriculum, including ethics, security and privacy, and data science.**

- **Track 3: Computing in Industry – As computing grows ubiquitous, computing research is increasingly important to industry. This track will cover how research is conducted in industry and the partnership between industry and academia.**

- **Track 4: Computing for Good – This track will explore the ways that computing research can help create a better future by supporting social justice, removing bias, and driving environmental sustainability.**

### Monday, July 18

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>8 AM - 3:00 PM</td>
<td>Early Registration (Lobby Level, Top of the Escalator)</td>
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### Tuesday, July 19

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>12:00 - 4:30 PM</td>
<td>Inaugural CRA-Industry Meeting (Primrose A &amp; B)</td>
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<tr>
<td>1:00 – 2:30 PM</td>
<td>How and Why to Create a Departmental BPC Plan (Ballroom 3)</td>
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<td>2:00 - 7:00 PM</td>
<td>Registration (Lobby Level, Top of the Escalator)</td>
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<td>3:00 - 5:45 PM</td>
<td>New Chairs Workshop (Superior A&amp;B)</td>
<td>Co-chairs: Carla Brodley (Northeastern University) and Katie Siek (Indiana University)</td>
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<td></td>
<td>Speakers: Ken Anderson (University of Colorado - Boulder), Michael Franklin (University of Chicago), Don Fussell (UT - Austin), Alan Mislove (Northeastern University), Ayanna Howard (Ohio State), Alex Wolf (UC Santa Cruz), Jamie Payton (Temple University), Anind Dey (University of Washington), Kavita Bala (Cornell), and Sudeep Sarkar (University of South Florida)</td>
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<tr>
<td>6:00 - 7:00 PM</td>
<td>Welcome Reception Magpie &amp; Golden Cliff Terrace (Lower Level)</td>
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| 7:00 - 9:00 PM | Dinner/Celebration Conference Center Terrace (Tent) | • Welcome from the Conference Co-Chairs  
• 50th Anniversary of the CRA  
• Celebration of Andrew Bernat  
• Networking |
Wednesday, July 20

7:00 AM - 6:30 PM  Registration (Lobby Level, Top of the Escalator)

7:00 - 8:30 AM  Breakfast  Conference Center Terrace (Tent)

8:30 - 10:00 AM  CRA: Looking Forward (Ballroom and Lobby)
Co-chairs: Ellen Zegura (Georgia Tech), Tracy Camp (CRA), Nancy Amato (University of Illinois), and Andrew Bernat (CRA Emeritus ED)

10:00 - 10:30 AM  Break (Ballroom Lobby)

10:30 AM - 12:00 PM  The Trusting of Intelligent Machines: How AI Influences Human Behavior (Ballroom and Lobby)
Chair: Penny Rheingans (University of Maine)
Speaker: Ayanna Howard (The Ohio State University)

12:00 - 1:30 PM  Lunch  Conference Center Terrace (Tent)

1:30 - 3:00 PM  Parallel Tracks

Track 1: Booming Enrollments While Broadening Participation in Computing  Ballroom 1
Co-chairs: Nancy Amato (University of Illinois) and Carla Brodley (Northeastern University)
Moderator: Nancy Amato (University of Illinois)
Speakers: Christine Alvarado (UC San Diego), Carla Brodley (Northeastern University), and Craig Partridge (Colorado State University)

Track 2: Incorporating Ethics into Computer Science Education  Ballroom 2
Co-chairs: Kathy Pham (Mozilla/Harvard) and Bobby Schnabel (University of Colorado, Boulder)
Speakers: Casey Fiesler (University of Colorado, Boulder), Helena Mentis (University of Maryland Baltimore County), Atri Rudra (SUNY Buffalo), and Bobby Schnabel (University of Colorado, Boulder)

Track 3: Computing Research in Industry  Ballroom 3
Chair: Jaime Teevan (Microsoft)
Speakers: Susan Dumais (Microsoft), Fernando Pereira (Google), Lisa Amini (IBM), and Kristin Lauter (Meta)

Track 4: Climate-Smart Computing to Address a Grand Challenge Facing Our Changing Planet  Superior A&B
Co-chairs: Kate Larson (University of Waterloo) and Shashi Shekhar (University of Minnesota)
Speakers: Andrew A. Chien (University of Chicago), Vandana Janeja (University of Maryland, Baltimore County), Vipin Kumar (University of Minnesota), and Ran Libeskind-Hadas (Claremont McKenna College)

3:00 - 3:30 PM  Break (Ballroom Lobby)

3:30 - 6:30 PM  Networking Activities: Guided Hikes

6:30 - 9:00 PM  Dinner  Conference Center Terrace (Tent)

Reboot!
Organizer: CRA’s Computing Community Consortium
Speakers: Sujata Banerjee (VMWare), Nadya Bliss (Arizona State University), Bill Gropp (University of Illinois), and Dan Lopresti (Lehigh University)
Moderator: Liz Bradley (University of Colorado Boulder)
Thursday, July 21

7:00 AM - 6:30 PM  Registration (Lobby Level, Top of the Escalator)

7:00 - 8:30 AM  Breakfast Conference Center Terrace (Tent)

8:30 - 9:30 AM  Reports from the Computing Research Community (Ballroom and Lobby)
    Speakers: Amruth Kumar (Ramapo College of New Jersey), Rajendra Raj (Rochester Institute of Technology), Kristen Shinohara (Rochester Institute of Technology), Elizabeth Mynatt (Northeastern University), Amanda Stent (Colby College), Liz Bradley (University of Colorado), and Christine Alvarado (University of California, San Diego)

9:30 -10:00 AM  Awards Presentations
    Distinguished Service, A. Nico Habermann, Service to CRA, and CRA-E Faculty Mentoring

10:00 - 10:30 AM  Break (Ballroom Lobby)

Parallel Tracks

10:30 AM - 12:00 PM  Track 1: Development of Teaching Faculty (Wasatch)
    Chair/Moderator: Ran Libeskind-Hadas (Claremont McKenna College)
    Speakers: Christine Alvarado (UC San Diego), Nancy Amato (University of Illinois), Dan Grossman (University of Washington), and Susan Rodger (Duke University)

10:30 AM - 12:00 PM  Track 2: Security and Privacy Education (Superior A & B)
    Chair/Moderator: Lorrie Cranor (Carnegie Mellon University)
    Speakers: Patrick McDaniel (Pennsylvania State University), Bo Yuan (Rochester Institute of Technology), Matt Bishop (University of California, Davis), and Michael Bailey (Georgia Tech)

10:30 AM - 12:00 PM  Track 3: Industry-Academia Partnerships (Primrose A)
    Chair/Moderator: Divesh Srivastava (AT&T)
    Speakers: Elizabeth Mynatt (Northeastern University), Chris Ramming (VMware), Jennifer Rexford (Princeton University), Vivek Sarkar (Georgia Tech), and Benjamin Zorn (Microsoft)

10:30 AM - 12:00 PM  Track 4: From Fairness to Responsibility: Actioning and Advancing the Discussion around “Algorithmic bias” (Magpie)
    Chair/Moderator: Brent Hecht (Microsoft)
    Speakers: Miranda Bogen (Meta), Moshe Vardi (Rice University), and Maria De-Arteaga (UT Austin)

12:00 - 1:30 PM  Lunch Conference Center Terrace (Tent)

Parallel Tracks

1:30 - 3:00 PM  Track 1: Undergraduate Research and Booming Enrollments: Who Wins (Wasatch)
    Co-chairs: Christine Alvarado (UC San Diego) and Kelly Shaw (Williams College)
    Moderator: Kelly Shaw (Williams College)
    Speakers: Edward Coyle (Georgia Tech), Sarah Heckman (North Carolina State), Joe Hummel (University of Illinois, Chicago), and Brandon Fain (Duke University)

1:30 - 3:00 PM  Track 2: Data Science in Computer Science Education (Superior A & B)
    Chair/Moderator: David Ebert (University of Oklahoma)
    Speakers: Michael Franklin (University of Chicago), Magda Balazinska (University of Washington), and Atul Prakash (University of Michigan)

1:30 - 3:00 PM  Track 3: Techlash in Context: What Should CS Departments and Tech Companies Do? (Primrose A)
    Chair/Moderator: Vivek Sarkar (Georgia Tech)
    Speakers: Lorrie Cranor (Carnegie Mellon University), Alfred Spector (Former Two Sigma CTO and Google VP), Moshe Vardi (Rice University), and Nirit Weiss-Blatt (Author of “The Techlash and Tech Crisis Communication”)

1:30 - 3:00 PM  Track 4: Addressing the Challenge of Mis- and Disinformation, Online and Beyond (Magpie)
    Chair/Moderator: Kate Starbird (University of Washington)
    Speakers: Amy Zhang (University of Washington), Laura Edelson (NYU), and Yasmin Green (Jigsaw)

3:00 - 3:30 PM  Break

3:30 - 6:00 PM  Lightning Talks with MSI Leaders (Ballroom)
    Computing leaders from Minority Serving Institutions (MSIs) will each give a short presentation about their institution, research portfolio, and areas for collaborations/partnerships.

5:00 - 6:30 PM  Break

6:30 - 7:30 PM  Dinner Conference Center Terrace (Tent) Making a Federal Case for Computing Speaker: Peter Harsha (CRA)