



**Cloud and Autonomic Computing Center (CAC)  
Semi-Annual Industry Advisory Board Meeting**

**May 25, 2023**

**The University of Arizona, Tucson, AZ**

**Hybrid Event**

*Advance Registration Required; please register at:*

<https://nsfcac-spring-2023.eventbrite.com>

*AFTER you register, please join the Zoom conference at:*

<https://arizona.zoom.us/j/85881212152>

**Password: CAC2023**

**Location: Electrical and Computer Engineering Department Room 556Q**

**(all times are in MST)**

9:00-9:25	Check-in, In-Person, and Online Networking
9:25-9:30	Meeting Logistics
9:30-10:00	<b>New Industry Members and Introductions</b>
10:00 - 10:30	<b>CAC Center Director's Report</b>
10:30-12:00	<b>Continuing Project Updates and Reports</b> (10-min presentation, 5-min Q&A, and completion of Feedback forms)  UA-1: Blockchain-Based Methodology for Zero Trust Modeling and Quantification for 5G Networks(ongoing) (Presenter: Safwan Elmadani, ongoing)  UA-2: Federated Cybersecurity Testbed as a Service (FCTaaS) (Presenter: Ibrahim Almazyad, ongoing)  UA-3: NFT-based Digital Rights Management (NFT-DRM)(Presenter: Arminda Estrada, ongoing)  TTU-1: Renewable Energy Powered Data Center Control (ongoing)  TTU-2: Integrated Data Collection and Visualization Framework for Data Centers based on Telemetry Model (Presenter: Jie Li, ongoing)  TTU-3: Porting xBGAS to Arm Morello and Beyond (Presenter: Mert Side, ongoing)
12:00-13:00	Lunch Break (Lunch Provided for on-site Attendees)
13:00-13:45	<b>Continuing Project Updates/Reports/Proposals and New Project Proposals</b> (10-min presentation, 5-min Q&A, and completion of Feedback forms)  TTU-4: Harnessing In-Network Compute for HPC System Architectures (Presenter: Michael Beebe, ongoing)





	<p>UA-4: Search Engine Optimization using Topic Intelligence Management System (Presenter: Wali Ur-Rehman, new)</p> <p>UA-5: ML-based Smart Test Application Manager (ML-STAM) (Presenter: Dr. Salim Hariri and Dr. Ali Akoglu, new)</p>
13:45-14:15	Updates from Affiliate Sites
14:15-14:30	Coffee Break
14:30 – 15:00	<p><b>Poster/Videos Session and Feedback</b></p> <p>Posters will be displayed for the onsite audience. Videos will be played for the online audience. <a href="https://forms.gle/NQMxsKRUh6TMQKnf8">https://forms.gle/NQMxsKRUh6TMQKnf8</a></p>
15:00- 15:30	<b>Group Discussion of Developing Joint Projects (CAC Faculty and Directors)</b>
15:30 - 17:00	<b>IAB Board Members and Prospective Members Feedback and Wrap-up</b>
18:00	<b>Guadalajara (1220 E Prince Rd, Tucson, AZ 85719)</b>



## Venue

The event will be held at The University of Arizona in Tucson, Arizona.

The **Meeting** will occur at the Electrical and Computer Engineering Department, 1230 E. Speedway Blvd., Tucson, AZ 85721.

Conference Room: 556Q

University of Arizona map: <http://map.arizona.edu/>

Other parking: 2nd Street Garage, see the map below.



## Suggested Lodging Arrangements

- Tucson Marriott University Park (Main Gate Square, 880 E 2nd St, Tucson, AZ 85719).
- Best Western Royal Sun Inn & Suites (1015 N Stone Ave, Tucson, AZ 85705)
- Aloft Tucson University (1900 E Speedway Blvd, Tucson, AZ 85719)
- Hotel Congress (311 E Congress St, Tucson, AZ 85701)

## More Information



**Who should attend this event?**

Industry Advisory Board members from member companies and/or their designated representatives should attend. Note that voting will take place on industry-sponsored projects for the upcoming year for the center. National Science Foundation program officers or their appointed program evaluators are also welcome to attend, along with students and faculty members associated with CAC projects from all university sites. The CAC meeting is restricted to IAB members, NSF personnel and CAC university faculty or student project participants. Prospective members from companies or organizations interested in the CAC may request to attend the rest of the sessions of the meeting if desired, which requires signing a non-disclosure agreement.

**What will happen at the meeting?**

The primary purpose of the CAC meeting is to review progress on projects and proposals for new research projects to be presented to the Industry Advisory Board. The bulk of the agenda will be devoted to CAC site and project reports and on a prospectus for upcoming work to be conducted by the researchers of the center. The meeting will also include a review of the NSF I/UCRC program, discussion and explanation of CAC by-laws, election of the CAC IAB chair and vice-chair, and other IAB business.

**Who can I contact for questions?**

Send any questions regarding the center or the meeting arrangements to Ali Akoglu (akoglu@arizona.edu) or Salim Hariri (hariri@ece.arizona.edu). You may also contact Arminda Estrada (armindaestrada@arizona.edu) for questions regarding lodging and local transportation.

**How should I get from the airport to the meeting location?**

The University of Arizona, Electrical and Computer Engineering Department, Room 556Q

UA Campus Map is at:

<http://map.arizona.edu/>

From the airport to the University of Arizona (8.7 mi)

*By shuttle:* There are shuttles available at the airport: <http://www.azstagecoach.com/airport-shuttle.html>

*If you rent a car:* Take S Tucson Blvd and South Kino Pkwy to N Mountain Ave, Head south on S Tucson Blvd, Slight left toward S Tucson Blvd, Sharp left onto S Tucson Blvd, Continue onto E Benson Hwy, Turn right onto S Campbell Ave/Kino Pkwy/South Kino Pkwy, Continue to follow South Kino Pkwy, Continue onto N Campbell Ave,

Use the left 2 lanes to turn left onto E Speedway Blvd, Continue on N Mountain Ave. Drive to E 2nd St, Turn left onto N Mountain Ave, Turn left onto E 2nd St. Enter Second Street Garage on the south side of the street. This is a pay parking garage

**How long will the meeting last?**

The IAB agenda will cover all day Thursday, May 25<sup>th</sup>.

**What is the cost to attend?**

Attendance at the meeting is free for all CAC participants (IAB members, associated NSF program officers or evaluator, CAC-affiliated faculty members, researchers, or students), but limited to these attendees. Please register for confirmation.

**What meals will be provided?**

Lunch and break refreshments each day at the IAB meeting for all registered CAC attendees.

