

Agenda of the IRON SCALE Workshop

Last Revision: 2024-08-23

Schedule

Day 1. Foundational Knowledge

August 27, 2024 (Tuesday)

Time (EDT)	Topic	Location
0800 - 0900	Arrival, Badging, and Breakfast (provided)	Centennial Research Building (CRB) lobby and CRB 282
0900 - 0930	Welcome/Introductions	CRB 282
0930 – 1025	Supply Chain: Raw Materials to Wafer	CRB 282
1035 – 1135	Microelectronics Fabrication	CRB 282
1135 – 1230	Lunch (provided), Course Feedback	
1230 – 1330	Packaging and Assembly	CRB 282
1345 – 1445	Hot Goss	CRB 282
1500 – 1600	Compound Semiconductors	CRB 282
1600 - 1700	Feedback from participants	CRB 282

Day 2. Facilities Tour

August 28, 2024 (Wednesday)

Time (EDT)	Topic	Location
0800 - 0900	Arrival, Badging, Breakfast (provided), Discussion, and Travel to Facilities	CRB Lobby and CRB 282
0900 - 1100	Microfabrication Cleanroom Activity and Tour	Marcus Nanotechnology Building
11:00-12:15	Packaging Facilities Tour / Integrated Photonics	Packaging Research Center / MRDC 4404
1215 - 1400	Travel to Technology Square Research Building (TSRB) Lunch (provided at TSRB 132), Course Feedback	
1400 – 1510	Photonic and RF Characterization Facility	TSRB
1510 – 1600	Tour Discussions + Feedback from Participants	TSRB 132
1600 – 1900	No Host Social	(location TBD)

Day 3. Practicum and Classified Addendum

August 29, 2024 (Thursday)

Time (EDT)	Topic	Location
0800 – 0845	Arrival, Badging, and Breakfast (provided)	CRB 282
0845 – 1030	Embedded Systems	CRB 282
1045 – 1145	Reconfigurable Technologies	CRB 282
1145 – 1230	Lunch at CRB 282 (provided), Course Feedback, travel to HQ127	
1230 – 1400	Reconfigurable Technologies – Classified Addendum	HQ 127
1415 – 1545	Western Components – Classified Addendum	HQ 127
1545 – 1700	Feedback from Participants (up to S)	HQ 127 (up to S)

Parking Instructions




- Every Morning
 - Park in the open parking lot across the street from the Centennial Research Building (CRB).
 - The lot is to the east of the building, to your left as you pull into Dalney Street NW.
 - Park in any spots reserved under the title “IRON SCALE.”
 - If there are no reserved spots available, park in any spot that is not labeled “30 minute” or “2 hour” parking, note your license plate number, and register it with the guard at the CRB front desk.
- Day 3 Afternoon:
 - Enter the parking garage. The gate will lift automatically.
 - Park in any spot.
 - Display the printed parking pass on your dashboard. These will be provided to you the morning of Day 3.

Wi-Fi Information


To connect:

- Select “**GTRI-Visitor**” from the available wireless networks.
- Enter “**GoJackets**” (no quotes) when prompted for the password.
- Open your web browser and log in with the following information:
 - Username: **Aug**
 - Password: **Redirect**

Notable Building Locations:

Building / Location	Address (Google Maps Link)	QR Code to Google Maps Link:	Notes
Centennial Research Building (CRB)	10th St NW, Atlanta, GA 30332		"Home Base" for all 3 days. Park in the lot across the street.
Marcus Nanotechnology Building	345 Ferst Dr NW, Atlanta, GA 30332		Part of the Day 2 morning tours.
Pettit Microelectronics Building	791 Atlantic Dr NW, Atlanta, GA 30332		Part of the Day. 2 morning tours.
Technology Square Research Building	85 5th St NW, Atlanta, GA 30332		Location for lunch and Day 3.
GTRI Headquarters (HQ)	250 14th St NW, Atlanta, GA 30318		Location for Collateral modules in the afternoon of Day 3.

Visitor's Guide and Additional Information

<p>A visitor's guide to the nearby area is available at: https://gtri.box.com/v/crb-visitorsguide</p>	
<p>The event website contains additional information: https://events.gtri.gatech.edu/event/iron-scale-short-course-fall-2024</p>	