



Sunday, November 6, 2022

12:00pm	5:00 pm	Tour the Georgia Tech makerspaces
5:00pm	7:00 pm	Reception and check-in, Georgia Tech Hotel and Conference Center Club Room

Monday, November 7, 2022

8:00 am	5:00 pm	Registration – Georgia Tech Hotel Conference Center – 800 Spring St NW, Atlanta GA 30308
8:00 am	9:00 am	Breakfast – Foyer, sponsored by Tormach
9:00 am	9:15 am	Welcome and Opening Remarks – Grand Ballroom Georgia Tech President Angel Cabrera
9:15 am	10:00 am	Aaron Hoover Keynote Address Fireside chat with Thomas Kalil, Chief Innovation Officer at Schmidt Futures, previously Deputy Director for Policy in the White House Office of Science and Technology Policy under President Obama
10:00 am	10:20 am	Break - Exhibitor Area opens for the day – Foyer and Conference Room B
10:20 am	11:55 am	Paper Session 1: Culture and Community 69 - Help, I Need Somebody – Not Just Anybody: Impact of Student Technician Staffing at an Academic Makerspace 88 - Fostering Culture in a Student Volunteer Run Makerspace 67 - Cultivating Community, Convening, and Collaboration through RIT's Makerspace 53 - A Snapshot of Community Access at a University Makerspace 56 - Makerspace Network Analysis for Identifying Student Demographic Usage
11:55 am	12:00pm	Video Session 1
12:00pm	1:00pm	Industry Workshop 1 – Conference room E 12:00 pm – 12:30 pm, Ultimaker – Matt Griffin 12:30 pm – 1:00 pm, Hexagon – Alex Reichenadt
12:00 pm	1:00 pm	Lunch – Georgia Tech Hotel – Dining Room, sponsored by Trotec
1:00 pm	1:40 pm	Panel 1: Student Leadership of Makerspaces
1:40 pm	2:15 pm	Paper Session 2a: Curricular Innovation 63 – Student-Designed Elective Class on Maker Methods and Culture 92 – Supporting In-Curriculum Making Alongside a Student-Led Makerspace
2:15 pm	2:20 pm	Video Session 2
2:20 pm	2:40 pm	Break
2:40 pm	3:55 pm	Paper Session 2b: Curricular Innovation 41 - Promising Practices to Support Class Projects That Incorporate the Use of an Academic Makerspace 87 - Sketching as the First Step to Making 54 - Experiential Learning in the Curricula: Integrating the Makerspace into First-Year Engineering Coursework



		149 – Lowering Barriers to Extra-Curricular Use in BioMakerspaces
3:55 pm	4:00 pm	Video Session 3
4:00 pm	5:30 pm	Poster Session and Reception – Conference Room A and Foyer
4:00 pm	5:30pm	Industry Workshop 2 – Conference room E 4:00 pm – 4:30 pm, 3D Fablight – Jeong Clary 4:30 pm – 5:00 pm, Shaper – John Armenia 5:00 pm – 5:30 pm, Autodesk – Joseph Fletcher
4:00 pm	6:00 pm	Tour the Georgia Tech makerspaces – Walk, Campus Stinger Bus stop on 5 th St., or Conference Buses depart from Hotel lobby
6:00 pm	7:30 pm	Invention Studio Open House with drinks, appetizers – 801 Ferst Dr, Atlanta GA 30332, 3 rd Floor, sponsored by Nexa3D

Tuesday, November 8, 2022

8:00 am	1:00 pm	Registration – Georgia Tech Hotel Conference Center – 800 Spring St NW, Atlanta GA 30308
8:00 am	9:00 am	Breakfast – Foyer, sponsored by Autodesk
9:00 am	9:10 am	Opening Remarks and Raffle – Grand Ballroom, sponsored by Formlabs
9:10 am	10:20 am	Paper Session 3a: Technology and Industry Interaction 94- Automating Aspects of 3D Printer Management with Coding and Project Management Software 84- Artificial Intelligence in Makerspaces – Repurposing Industry Applications to Serve Makerspace Needs 77- Self Managed Tool Tables in a Student Managed Makerspace 50- Image Classification and Prompt Engineering to Optimize Text-to-Image in Laboratory and Makerspace Design
10:20 am	10:40 am	Break - Exhibitor Area opens for the day – Foyer and Conference Room B
10:40 am	11:20 am	Paper Session 3b: Technology and Industry Interaction 60- Identifying Effects of Integrating Academic Makerspaces into Open Innovation Cooperations: A Research Framework 61- Survey of Potential User Requirements for a Newly Established Austrian Academic Makerspace
11:20 am	11:55 am	Paper Session 4a: Diversity, Equity, Inclusion and Access 74- What is an Equitable Academic Makerspace? 55- Proficient in Pink? Exploring the Perceived Impact of Gender-Stereotyped Personal Protective Equipment on Women in Makerspaces
11:55 am	12:00 pm	Video Session 4
12:00pm	1:00pm	Industry Workshop 3 – Conference room E 12:00 pm – 12:30 pm, Trotec – Frank Fernandez 12:30 pm – 1:00 pm, Tormach – Andrew Grevstad
12:00 pm	1:00 pm	Lunch – Georgia Tech Hotel – Dining Room, sponsored by Markforged
1:00 pm	1:40 pm	Paper Session 4b: Diversity, Equity, Inclusion and Access 46- Increasing Diversity and Access to Shops, Makerspaces and Libraries Across a Hands-On, Project-Based Engineering Curriculum 91- Workshop Development as a Scaffolding for Co-Creation and Inclusivity in Makerspaces



1:40 pm	2:20 pm	Panel 2: Diversity and Inclusion in Makerspaces
2:20 pm	2:40 pm	Break
2:40 pm	3:55 pm	Paper Session 5: Infrastructure 32- Successful Implementation of a Cross-Institutional Training and Credentialing 'Passport' as a Shared Common Makerspace Standard 31- MakerSpace Workshop Badges: Student Perceptions & Use of Informal Credentialing 71- Maker Space Technology Trainings: Practical Application of a Training Model for Different Learning Scenarios 48- Owned by All, Shared by All: Makerspaces at the Center of Today's Higher Education Experience
3:55 pm	4:00 pm	Closing Remarks and Best Paper Awards
4:00 pm	6:00 pm	Tour the Georgia Tech makerspaces – Walk, Campus Stinger Bus stop on 5 th St., or Conference Buses depart from Hotel lobby
4:15 pm	5:15 pm	Industry Workshop 4 – Conference room E 4:15 pm – 4:45 pm, Nexa3D – Michael Currie 4:45 pm – 5:15 pm, Markforged – Charles Lu
5:30 pm	7:30 pm	Hive makerspace soiree with hors d'oeuvres– 777 Atlantic Dr NW, Atlanta GA 30332, sponsored by Shaper

Wednesday, November 9, 2022

9:00 am	12:00 pm	ISAM 101 Workshop - MRDC Building - 801 Ferst Dr, Atlanta GA 30332, Room 4211
12:00 pm	12:30 pm	Box Lunch – MRDC Building 801 Ferst Dr, Atlanta GA 30332, 4 th floor
12:30 pm	3:45 pm	ISAM 102 Workshop - Invention Studio - 801 Ferst Dr. and Hive - 777 Atlantic Dr.

Gold Level



Silver Level



Bronze Level

