

## AGENDA



### Small/Medium Company Support Mechanisms

The first session will focus on innovation, joint programs and support programs for small and medium sized companies. Speakers will present funding programs available in New York and North America along with support programs available in the Advanced Electronic clusters in Europe.

7:30-8:30	Registration and Coffee Nanofab South Lobby	
8:30-8:40	Opening Remarks Conference Chairs	LaMar Hill, <b>Fusion Market Group</b> Johan Lecocq, <b>DSP Valley</b> NSF Auditorium
8:40-8:55	Welcome	Andrew Kennedy, CEO of <b>Center of Economic Growth (CEG)</b>
8:55-9:10	Remarks and Intro of Keynote	Bahgat Sammakia, President of <b>SUNY Poly</b>
9:10-9:40	Moving Manufacturing Forward in the U.S.A.	David Cranmer, Deputy Director, <b>National MEP Program, NIST</b> Alyson Slack, Director, <b>Fuzehub</b>
9:40-10:10	Integrated Photonics Innovations/Partnerships/Commercialization	Tino Treiber, Executive, <b>AIM Photonics</b>
10:10-10:25	Business Growth Services in NY's Capital Region	Michael Lobsinger, Center Director, <b>MEP Capital Region</b>
10:25-11:05	Silicon Europe Powers Tech Clusters & Supports SMEs in Europe	Isabelle Guillaume, CEO Minalogic, Chairwoman, <b>Silicon Europe Alliance</b> (European Cluster Alliance)
11:05-11:15	Morning Break	
11:15-11:35	Design for Scale up	Abbie Gregg, CEO, <b>AGI</b>
11:35-12:45	Panel Discussion: Assistance Programs Available in NY and North America ESD, NYSERDA and NYSTAR etc.	LaMar Hill, CTO <b>NY Loves Nanotech</b> , Mark Reynolds, Sn. Director <b>NYS Empire State Development (ESD)</b> Clayton Besch, <b>ESD NY Ventures</b> Matt Watson, Ex. Director <b>NYSTAR</b> Katie Newcombe, <b>National Grid (NGrid)</b>
12:45-1:45	Lunch	
1:45-5:00	Parallel TECH-SESSIONS Autonomous Operations   Health Applications   Smart Cities   Advanced Electronics	



5:30-7:30 SME Poster Session & NY Food and Beer Reception  
All participating organizations, companies and sponsors are invited to present a poster.

The afternoon breakout sessions will feature discussion on Autonomous Operations, Health Applications, Smart Cities and Advanced Electronics. Each session will begin with round robin intros followed by perspectives from university programs, major corporate efforts, government labs or funded programs and an SME from North America and Europe wrapped up by a panel discussion.

### SESSION 1: Autonomous Operations *Breakout Room 2*

chaired by Marc Viggiano, **former CEO of Sensis Corp. (now Saab Sensis).**

1:45-1:50	Elevator Intros (30 seconds each attendee)	all session attendees
1:50-2:00	Safe and Secure Autonomous UAS Operations	Tony Albanese, President, <b>Gryphon Sensors</b>
2:00-2:10	Startup Accelerator for UAV Systems	Rick Clonan, VP, <b>Genius NY</b>
2:10-2:20	Cyber Security for Autonomous and IoT Operation	Vijay Srinivas, A-Lab Director, <b>AIS</b>
2:20-2:30	Ubiquitous Communications for Autonomous Systems	William Abrams, Founder, <b>OmniMesh</b>
2:30-2:40	Research Topics in Autonomous Systems	Pramod Varshney, Director, <b>Syracuse University CASE Center</b>
2:45-3:15	Panel Discussion	all session attendees



### SESSION 2: Health Applications *Breakout Room 2*

chaired by Joseph McCoy, Board Member, **Central New York Biotech Accelerator** ([www.cnybac.com](http://www.cnybac.com))

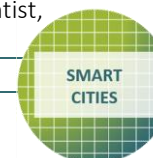
3:15-3:30	Elevator Intros (30 seconds each attendee)	all session attendees
3:30-3:45	The era of Digital Medicine	Joseph McCoy, Board Member <b>Central New York Biotech Accelerator</b>
3:45-4:00	Transitioning a Medical Device from Discovery to Clinical Use	Prof. James Castracane, Head of <b>Nanobiosciences SUNY Poly</b>
4:00-4:15	Biomedical Initiatives at Rensselaer	Robert Karlicek, Research Office <b>Rensselaer</b>
4:15-4:30	Data Analytics Applied to Health Care	Scott Niemi, <b>Aizoon</b>
4:30-5:00	Round Table Discussion	all session attendees



### SESSION 3: Smart Cities *Breakout Room 1*

chaired by Véronique Pequignat, **AEPI Grenoble Isère, France.**

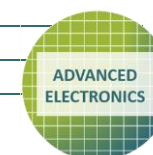
1:45-2:00	Elevator Intros (30 seconds each attendee)	all session attendees
2:00-2:15	Urban Technology Alliance: Defining the Future of Our Cities	Bruno Paing, VP Strategic Partnerships, <b>CEA - Leti</b>
2:15-2:30	Light Enables Smart Cities	Robert Karicek, Exec Director Center for Lighting Enabled Systems & Applications (LESA), <b>Rensselaer</b>
2:30-2:45	Implementing Grid Modernization/Innovation to support Smart Cities	Arunkumar Vedhathiri, Director, New Energy Solutions, <b>National Grid</b>
2:45-3:00	Considerations and possible solutions for RF pollution	Andrew Drozd, President/Chief Scientist, <b>Andro Computational Solutions</b>
3:00-3:15	Round Table Discussion	all session attendees



### SESSION 4: Advanced Electronics *Breakout Room 1*

chaired by Michael Fancher, **VP SUNY Poly**

3:15-3:30	Elevator Intros (30 seconds each attendee)	all session attendees
3:30-3:45	Power Electronic Initiatives moving Advanced Electronics into new Applications	Brian Sapp, NY-PEMC Asst. VP, <b>SUNY Polytechnic</b>
3:45-4:00	Advancing Research in New York State	Mathew Watson, Director <b>NYSTAR</b>
4:00-4:15	Exploring the frontiers of the IoT	Shay Reboh, <b>CEA-Leti</b>
4:15-5:00	Round Table Discussion	all session attendees





### Company Connections

The sessions and meetings are centered around SMEs making connections to each other and to funding sources. From 2 to 5 p.m., there will be a B2B and B2VC matchmaking with pre-scheduled meetings.

7:30-8:30	Coffee Danish	
8:30-8:45	MoU Signing Ceremony	
8:45-9:30	Regional Platforms Panel Discussion	Gary Homonai, <b>MW Group</b> Nick Bruno, Director, <b>MV Edge</b> Nate Stevens, Director, <b>Onandaga Industrial Agency</b> Chris Suozzi, <b>GCEDC</b>
9:30-9:50	Regional Growth Organizations Role in an Innovation Economy	David Rooney, Strategic Advisor, <b>CEG</b>
9:50-10:20	Keynote Address: Bottoms Up Approach to Building a Tech Ecosystem	Martin Babinec, <b>Upstate Venture Connect</b>
10:20-10:40	IP rules, regulations and needed policy changes	Nick Mesiti, Partner <b>HRFM Law</b>
10:40-11:00	Fraunhofer Network A great partner for Tech. Commercialization	Martin Landgraf, <b>Fraunhofer IPMS</b>
11:00-1:00	VC Presentations (5 firms, 5 min each) and company pitches (30 companies, 5 min each, 2 sessions)	
1:00-1:45	Lunch	
2:00-2:30	Keynote Finance Speaker-University Led Innovation Ecosystems	James Spencer, Executive Director, <b>Rensselaer Tech Park, Real Estate &amp; New Ventures</b>
2:30-5:30	<b>Company VC and Company to Company Meetings</b>	
5:30-7:30	Student Research Poster Session & Reception	



### University Research Day

Regional and international universities and labs will present their latest research. Companies and universities will have the opportunity to talk about possible collaborations.

7:30-8:30	Registration at Front Desk Zen Building with Coffee Danish in Zen Atrium
8:30-9:00	Morning Keynote
9:00-10:30	University Research and Institutes Overviews Chaired by David Rooney <b>CEG</b> & Alyson Slack <b>Fuzehub</b>
	<b>SUNY Poly</b> Aim Photonics, CSR, PEMC, AMP, Michael Fancher, VP, SUNY Poly
	<b>Rensselaer</b> General R&D overview, Nick Viggiani, Asst. VP Research
	<b>Cornell Uni.</b> General R&D overview, Donald Tennant, Director, Cornell Nanofab
	<b>Clarkson Uni.</b> General R&D Overview
	<b>CEA-Leti</b> General R&D Overview
	<b>Fraunhofer Institutes</b> in Advanced Electronics, Martin Landgraf, Fraunhofer IPMS
11:00-12:30	University Company Connection Meetings
12:30-12:45	Wrap-Up Discussion
12:45-1:30	Lunch with Guest Speaker
2:30-4:30	Possible Site Visits and Tours <b>SUNY Poly and Rensselaer</b>