

Birck Annual Research Symposium

April 27-28, 2026

**Monday, April 27:
Birck Industry Day**

**Tuesday, April 28:
Birck Academic Day**



Birck Nanotechnology Center

MICHAEL AND KAY BIRCK
NANOTECHNOLOGY CENTER

Location: Burton Morgan Center for Entrepreneurship, Rm 121	
8:30 AM	Registration / light breakfast
9:00 AM	Opening remarks - Daniel DeLaurentis, Executive Vice President of Research, Purdue Office of Research
9:10 AM	Quantum Design – speaker TBD
9:50 AM	Debby Lin and Anjana Dissanayake, MediaTek
10:30 AM	Mo Shakouri, Microsanj, "Meeting Emerging Thermal Challenges of 3D Heterogeneously Integrated Circuit Packaging Techniques."
11:10 AM	Jaesik Lee, SK hynix
12:00 PM	Working lunch: Purdue's quantum and semiconductor workforce development programs
1:00 PM	Juergen Klier, FormFactor, "Vacuum & Cryogenic Probing with FormFactor: Stable Contact. Clean Data. Faster Debug."
1:40 PM	Shalini Tripathi, imec
2:20 PM	Coffee break
2:30 PM	Michael Alimov, Keysight, "Recognizing and rectifying parametric measurement artefacts"
Location: atrium of Birck Nanotechnology Center	
3:10 PM	Poster session / vendor trade show / Digital Twins demos
5:30 PM	Poster awards / heavy hors d'oeuvres

Location: Hall for Discovery and Learning Research, Room 131	
<ul style="list-style-type: none"> • All-day event 8:30 AM - 5 PM; breakfast and lunch provided • Birck equipment vendor trade show in atrium • Morning and afternoon sessions of 9 invited seminars from distinguished researchers at Purdue and Midwest R1 peer universities, speakers include: <ul style="list-style-type: none"> • Mark J. Kushner, George I. Haddad Professor of Electrical Engineering and Computer Science, University of Michigan • Michael Manfra, Chief Quantum Officer, Purdue University; Director of Purdue Quantum Science and Engineering Institute • Can Wu, Birck Scholar of Excellence; Assistant Professor, Elmore Family School of Electrical and Computer Engineering • Alexandra Boltasseva, Ron and Dotty Garvin Tonjes Distinguished Professor of Electrical and Computer Engineering • Ruichao (Alex) Ma, Assistant Professor of Physics and Astronomy • Thomas Beechem, Associate Professor Of Mechanical Engineering • Haitong Li, Assistant Professor, Elmore Family School of Electrical and Computer Engineering 	
<ul style="list-style-type: none"> • Full program details are forthcoming 	

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program will be updated with speaker info as it is provided



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