

2023 NSF-TIH Principal Investigators' Meeting - Program Agenda
May 22-23, 2023
Renaissance Baltimore Harborplace Hotel
202 E Pratt St, Baltimore, MD 21202

All times listed in EDT.

Monday May 22, 2023		Room Location
7:30 AM – 8:30 AM	Breakfast	Baltimore Ballroom Foyer
7:30 AM - 8:30 AM	Registration Desk Open	Baltimore Ballroom Foyer
8:30 AM - 9:00 AM	Welcome and Introductory Remarks Richard Voyles & Nirmalya Roy, Co-Chairs Speakers: Dr. Joydip Kundu, NSF/DAD, Ambassador. Sripriya Ranganathan, Deputy Chief of Mission, Indian Embassy, Washington DC, Erwin Gianchandani, Asst. Director of NSF/TIP	Baltimore Ballroom
9:00 AM - 9:30 AM	Presentation by Indian TIH Leaders Brief introduction of the research focus of each TIH IHFCobotics - IIT Delhi: Drs. Saha & Sharma IoT/loE - IIT Bombay: Dr. Leena Vachhani IDEAS Data Science - ISI Kolkata: Dr. A. Ghosh Pravartak Sensor/Actuator Networks - IIT Mad Dr. SRM Jayaraman IDAPT Data Analytics - IIT BHU: Dr. R. K.Singh Drishti CV/AR/VR - IIT Jodhpur: Dr. M. Vatsa	Baltimore Ballroom
9:30 am - 10:10 AM	NSF-TIH PI Introductions Part 1 Lightning Talks by Project Team	Baltimore Ballroom
10:10 AM - 11:00 AM	Coffee break/Poster Session Part 1 Graduate Students/Pis Poster Session	Baltimore Ballroom Foyer
11:00 AM - 11:45 AM	Keynote Talk: Dr. Pramod Khargonekar, Vice Chancellor for Research, UC Irvine	Baltimore Ballroom
	LUNCH and BREAKOUTS	
11:45 AM - noon	Gather lunch from the buffet and move to assigned breakout rooms	Baltimore Ballroom Foyer

12:00 PM – 1:00 PM	<p align="center">Enhancing International Scientific Collaborations</p> <p>Moderators: Dr. Khan Iftekharuddin, ODU & Dr. Anurag Srivastava, WVU Technical participants and national representatives will suggest ways to improve US/Indian scientific collaboration, problems and solutions discovered with the current DCL and related concerns.</p>	Baltimore Ballroom
	<p align="center">Preparing Students/Postdocs for Distant Assignments</p> <p>Moderators: Dr. Anupam Joshi, UMBC & Dr. Shashi Shekhar, University of Minnesota Discussion of possible mechanisms to prepare students for an exchange experience, including technical, social and cultural differences and the administrative challenges across borders</p>	Federal Hill Meeting Room
	<p align="center">Sharing Data across Continents</p> <p>Moderators: Dr. Abhishek Dubey, Vanderbilt University & Dr. Ramana Vinjamuri, UMBC Discussion on how to collect, store and share research and human subjects data across US/Indian counterparts with necessary IRB approvals & navigate IP issues</p>	Homeland Meeting Room
1:00 PM - 1:10 PM	BREAK - Preparation for Breakout Reports (breakout leaders on their own)	Baltimore Ballroom
1:10 PM - 1:30 PM	BREAKOUT Report and Lessons Learned, including suggestions for future	Baltimore Ballroom
1:30 PM - 2:00 PM	Professional Development Seminar Maximizing Mentoring Dr. Levon Esters, Penn State University (remote)	Baltimore Ballroom
2:00 PM - 2:15 PM	NSF CISE Initiatives on US-India Collaboration Dr. Behrooz Shirazi, DDD, NSF CISE/CNS Dhananjay Tiwary, Counsellor for S&T, Indian Embassy, DC	Baltimore Ballroom
2:15 PM - 2:50 PM	NSF-TIH PI Introductions Part II Lightning Talks by Project Team	Baltimore Ballroom
2:50 PM - 3:45 PM	Coffee Break / Poster Presentation II Graduate Students/Pis Poster Session	Baltimore Ballroom Foyer
3:45 PM - 4:15 PM	Indo-US Solicitation Upcoming grant opportunities at NSF	Baltimore Ballroom

	Dr. Mohan Kumar, PD, NSF IUCRC Dr. Catherine Flanley, Science Analyst, NSF	
4:15 PM - 5:00 PM	Future Collaboration Matchmaking	Federal Hill Homeland Mt. Washington
6:00 PM - 8:30 PM	Working Dinner	Rusty Scupper

Tuesday, May 23, 2023	Industry/Tech Transfer Day	Room Location
7:30 – 8:30 AM	Breakfast	Baltimore Ballroom Foyer
7:30 – 8:30 AM	Registration Desk	Baltimore Ballroom Foyer
8:30 AM – 8:45 AM	Welcome Remarks Richard Voyles and Nirmalya Roy Dr. Karl Steiner, Vice President of Research, UMBC	Baltimore Ballroom
8:45 AM - 9:00 AM	Industry Lightning Talks Dr. Rekha Singhal, Tata Consulting Dr. Nilanjan Banerjee, Tanzen Medical, Inc. Dr. Biplab Pal, Prophecy & Opteev Inc	Baltimore Ballroom
9:00 AM - 9:15 AM	Invited Talk: Academic Entrepreneurship Dr. Mohammad Mahoor, DU/Dream Face	Baltimore Ballroom
9:15 AM - 10:10 AM	Industry Roundtable An industry roundtable to explore academic entrepreneurship, industry support, technology transfer and medium-term commercialization Moderator: Joseph Naft, Director, Maryland Industrial Partnerships Panelist: Dr. Biplab Pal: CTO & Co-Founder, Prophecy(Machinesense)/Opteev Inc Dr. Mohammad Mahoor, Dream Face Dr. Rekha Singhal, TCS, USA	Baltimore Ballroom
10:10 AM - 10:30 AM	Coffee break / Poster Session Continued	Baltimore Ballroom Foyer
10:30 AM - 11:15 AM	Government Keynote Dr. Raghuv eer Rao, Chief, Intelligent Perception Branch DEVCOM Army Research Laboratory Title: <i>Advancing Science & Engineering: How ARL Partners with Universities</i>	Baltimore Ballroom
11:15 AM - 12:00 PM	Opportunities on Commercialization An introduction to the NSF Innovation Corps (I-Corps), IUCRC, SBIR/STTR and DST program on Entrepreneurship Moderator: Dr. Mohan Kumar, NSF PD, IUCRC Panelist: Daniel D. Kunitz, Director of DC NSF I-Corps, UMD Dr. Shivakant Mishra, Univ of Colorado, IUCRC Dr. Richard Voyles, Purdue University, SBIR/STTR	Baltimore Ballroom

12:00 PM – 1:00 PM	Working Lunch / Poster Session Continued	Baltimore Ballroom Foyer
1:00 PM - 1:30 PM	Invited Talk: Dr. Shashi Shekhar, Director, AI-CLIMATE, National AI Research Institute, Computer Science & Engineering, University of Minnesota Title: <i>Interdisciplinary Collaborative Research: A Perspective</i>	Baltimore Ballroom
1:30 PM – 2:00 PM	NSF TIP and Convergent Research An overview of the new NSF Directorate on Technology, Innovation & Partnerships Moderator: Dr. Nirmalya Roy, UMBC Panelist: Dr. Allen Walker, Senior Advisor NSF TIP Dr. Pradeep Fulay, PD, NSF (remote)	Baltimore Ballroom
2:00 PM – 2:15 PM	CISE Access and Inclusion Landscape: Opportunities for Collaboration Dr. Subrata Acharya, NSF CISE/CNS	Baltimore Ballroom
2:15 PM – 2:25 PM	NSF Robotics Programs Dr. Juan Wachs, NSF CISE/IIS	Baltimore Ballroom
2:25 PM - 2:30 PM	Closing Remarks & Evaluation Post-Survey	Baltimore Ballroom
	Matchmaking for Collaborations PIs and industry reps can stay to discuss possible collaboration opportunities	