

TIPA Distinguished Forum on Industry-Academic International Collaboration

TIPA Forum

Thursday, August 7 1:00 - 3:00pm Colonial A



Korea Technology and Information
Promotion Agency for SMEs

Chair



Martin Jun

Purdue
University

Co-Chair



Hoon Bae Lee

TIPA US Office

Speakers



Keely DeGroot

NeoCity



Sangkee Min

University of
Wisconsin



Manyeol Han

Embassy of
Korea

This Distinguished Forum, sponsored by the Korea Technology and Information Promotion Agency (TIPA), brings together internationally recognized scholars and researchers to highlight innovative research and foster collaboration between the United States and Korea.

Presenters



Sooyeon Jeong

Purdue
University



Huai-Rhin Kim

Purdue
University



Garam Kim

Purdue
University



Sunghwan Lee

Purdue
University

The forum features invited presentations from leading experts alongside presentations by researchers who are currently conducting TIPA-funded projects, providing participants with a unique opportunity to learn about both emerging research directions and ongoing collaborative initiatives. By showcasing cutting-edge research across disciplines, the forum aims to promote the exchange of ideas, strengthen international research partnerships, and inspire future collaborations that advance scientific discovery, technological innovation, and global competitiveness.

Time	Title and Speaker
1:00 - 1:05 pm	Welcome Remarks Martin Jun (Purdue University)
1:05 - 1:15 pm	Welcome Remark and TIPA Introduction Hoonbae Lee (TIPA)
1:15 - 1:35 pm	Keynote Speech: Plug and Play Semiconductors: The NeoCity Model for Rapid Innovation Keely DeGroot (NeoCity)
1:35 - 1:55 pm	Keynote Speech: Defense Opportunity and Risk in US for Korean Companies Sangkee Min (University of Wisconsin-Madison)
1:55 - 2:15 pm	Keynote Speech: Intellectual Property (IP) Management in Korea-U.S. Joint Research Manyeol Han (Embassy of the Republic of Korea in the USA)
2:15 - 2:20 pm	Q&A Session
2:20 - 2:35 pm	TIPA Project Presentation: Development of a Socially Assistive Robot (SAR) for Korean language and cultural learning as a second language Sooyeon Jeong and Huai-Rhin Kim (Purdue University)
2:35 - 2:45 pm	TIPA Project Presentation: Development of composite additive manufacturing process and AI-based intelligent twin systems Garam Kim (Purdue University)
2:45 - 2:55 pm	TIPA Project Presentation: Development of current collector primer for dry electrode process in rechargeable batteries Sunghwan Lee (Purdue University)
2:55 - 4:00 pm	Q&A Session