

2023 Malcolm G. McLaren Lecture Symposium  
Thursday, March 30, 2023  
Rutgers University – Busch Campus  
Featuring **Dr. Benjamin V. Fasano**

Hosted by:  
The Rutgers Department of Materials Science & Engineering  
Ceramic Association of New Jersey and New Jersey/New York Metro/Philadelphia Section  
of the American Ceramic Society



Technical Program (Tentative) Center Hall Busch Campus Center  
PM

- 1:30-1:35 Introductory Comments and Dean Alberto Cuitino's Welcome
- 1:35-2:15 Prof. Shriram Ramanathan, Rutgers ECE and Rodkin-Weintraub Endowed Chair, Piscataway, NJ "Complex Oxides for Brain-Inspired Computing"
- 2:15-2:55 Dr. Manuel Alvarez, NXE Architect, ASML, Wilton, CT "Changing the World One Nanometer at a Time"
- 2:55-3:25 Coffee Break
- 3:25-4:10 Prof. Xian (Annie) Zhang, Mechanical Engineering, Stevens Institute of Technology, Hoboken, NJ "Tailoring the Thermal Transport in 2D Materials and Their Moiré Patterns for Flexible Electronics"
- 4:10-4:20 Introduction of Distinguished Speaker
- 4:20-4:50 M. G. McLaren Distinguished Lecture: Dr. Benjamin V. Fasano, Master Inventor, Global Foundries, Hopewell Junction, NY "Advances in Microelectronic Packaging over the Past 40 Years"
- 6:00-7:30 Reception and Poster Session: 2<sup>nd</sup> Floor Lobby Richard Weeks Hall
- 7:30-8:00 Awards – MGM Distinguished Speaker, Corning Scholarships, Poster Winners