

Frontiers of Science & Society
Rustum Roy Lecture — History of Lecturers

Date	Name	Lecture Title
2026	Makio Naito	Powder Processing Technology for High Quality Advanced Materials
2025	Ungyu Paik	Toward Sustainable and High-Energy Lithium Batteries: Materials and Manufacturing at the Energy Frontier
2024	Shunpei Yamazaki	Proposal of oxide ceramic LSI device for putting the brakes on global warming accelerated by AI-age computers
2023	Mrityunjay Singh	Strategically Aligned Additive Manufacturing: Disruptor to Global Supply Chains and Enabler of Sustainable Societal Development
2022	Yury Gogotsi	Ceramics in Flatlands or How to Build New Materials and Devices Using Nanoscale Bricks
2021	Alexander Michaelis	Advanced Ceramics for Energy and Environmental Technology
2020	James Adair	Early Retrospectives from the Time of COVID
2019	Jennifer Lewis	Printing architected matter in three dimensions
2018	David Morse	Imagination and innovation in the land of machines
2017	Qingjie Zhang	Global energy challenges and development of thermoelectric materials and systems in China
2016	Cato T. Laurencin	A Convergence Approach to Next Generation Grand Challenges
2015	Delbert E. Day	Glass Technology for Better Health
2014	Wolfgang Rossner	Ceramics for Innovation and Sustainability
2013	Larry Hench	AFFORDABLE HEALTHCARE? Role of Bio-Ceramic Technology, Socio-Economic and Ethical issues
2012	Kennette Benedict	Dilemmas of Nuclear Materials and Technology: From Los Alamos to Natanz
2011	Deborah Wince-Smith	Reinventing Manufacturing to Answer New Global Challenges and Market Opportunity
2010	Arun A. Seraphin	Issues in Defense Innovation
2009	Charles Vest	Engineering Education and the Challenges of the 21st Century
2008	Rustum Roy	Society and M.S.T. Materials, Science, and Technology: Where GIGA Outshines Nano
2007	John H. Gibbons	The New Century: High Frontier or Tragic Descent for Mankind
2006	George Bugliarello	Science, Technology and Society, the Tightening Circle

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Date	Name	Lecture Title
2005	Arden L. Bement, Jr.	Are the Plate Tectonics of Science Moving Faster Than We Think?
2004	Jane A. Alexander	Impact of Terrorism on Society and Research to Counter Its Effects
2003	John C. Hodgson	Challenges in Science, Engineering and Materials for the Global Marketplace
2002	Seigfried Hecker	
2001	Dr. Henry Heimlich	
2000	Rear Admiral Paul G. Gaffney II	Challenges in Science, Engineering and Materials Development-Industry, University, Society Solutions
1999	Dr. Kazuo Inamori	
1998	Vernon J. Ehlers	Can We Plan for a Millennium?
1997	Alvin M. Weinberg	