

2020 International Institute for Nanotechnology Virtual Symposium
Exploring the Frontiers of Science: From the Exceedingly Small to the Mind-Bogglingly Large
October 29, 2020

10:00am – 10:10am **Chad A. Mirkin**, IIN Director
Welcome and Introduction

Session I – Chad Mirkin, Chair

10:10am – 10:15am Introduction

10:15am – 10:55am **Sylvester James “Jim” Gates, Jr.**
Director, Brown Theoretical Physics Center
Ford Foundation Professor of Physics
Brown University
How Thinking Like a Geneticist Helped Me Solve a 25-Year-Old Einstein-Type Problem in String Theory

10:55am – 11:05am Q&A

11:05am – 11:10am Introduction

11:10am – 11:50am **E.W. “Bert” Meijer**
Distinguished University Professor and Professor of Organic Chemistry
Institute for Complex Molecular Systems
Eindhoven University of Technology, the Netherlands
Functional Supramolecular Systems and Materials

11:50am – 12:00pm Q&A

12:00pm – 1:00pm **Lunch Break**

Session II – Nathan Gianneschi, Chair

1:00pm – 1:05pm Introduction

1:05pm – 1:45pm **Jill Millstone**
Associate Professor of Chemistry
University of Pittsburgh
How Molecules Change the Way Materials Form and Perform

1:45pm – 1:55pm Q&A

1:55pm – 2:00pm Introduction

2:00pm – 2:40pm **Ted Sargent**
Professor of Electrical and Computer Engineering
Canada Research Chair in Nanotechnology
Vice President – International
University of Toronto, Canada
Using Nanomaterials to Build Molecules: Designing and Building Catalysts for Electrosynthesis of Renewable Fuels and Feedstocks from CO₂

2:40pm – 2:50pm Q&A