

Physical Science Technology Day

Tuesday, March 2, 2021 | 10:00 am - 1:00 pm MST

10:00 am Welcome and Remarks by Jon Clark, Deputy Cabinet Secretary, New Mexico Economic Development Department ([Click to Join Zoom Meeting](#))

10:15 am Physical Science Related Technology and Company Presentations:

Technology Presentations ([Click to Join Zoom](#))

Moderator: Mary Monson, Sr. Manager, Technology Partnerships and Business Development, Sandia National Laboratories

Sharks: Mike Freeman, Innosphere Ventures and Beto Pallares, Managing Director, Proficio Capital Management

Zoom Host: Hannah Russert, UNM Rainforest Innovations

Company Presentations ([Click to Join Zoom](#))

Moderator: David Kistin, Manager, Technology and Economic Development, Sandia National Laboratories

Sharks: Avinash Kant, Phoenix Venture Partners and Frank Levinson, Phoenix Venture Partners

Zoom Host: Cecilia Pacheco, UNM Rainforest Innovations

10:15 am Fluid-Infused Elastomers for Improved Resistance to Degradation in High Temperature Applications - Erica Redline (Sandia)

Osazda Energy - Sang Han, Chief Technical Officer

10:30 am Pressure-Induced Synthesis of Highly Uniform Metal Nanostructures - Hongyou Fan (Sandia)

NASA White Sands Test Facility Technology Update - Joe Bullington, Commercialization Manager, Jacobs Technology

10:45 am Adaptimize: Smarter and Faster UAV/drone Radiation Mapping for Enhanced Decision Making - Tony Shin (LANL)

Build with Robots, Inc. – Chris Ziomek, CEO and Matthew Ennis, CSO

11:00 am Integrated Trigger PCSS - Joseph Teague (AFRL)

Identification of Volatile Organic Compounds using Tandem Differential Mobility Spectrometry - G.A. Eiceman, President, GP Ionics, LLC

11:15 am Separation Unit for Per- and Polyfluoroalkyl Substances (PFAS) Remediation - Dr. Reza Foudazi, Associate Professor, Chemical and Materials Engineering (NMSU)

SoniView: See the Unseen in your Production Processes - Eric Davis, LANL

11:30 am In-line Angular Optical Multi-Point Scatterometry for Nanomanufacturing Systems - Juan J. Faria-Briceno, Post-Doctoral Fellow (UNM)

OptiPulse – Mathis Shinnick, COO

11:45 am Brief Remarks by Jennifer Sinsabaugh, New Mexico MEP ([Click to Join Zoom Meeting](#))

12:00 pm Virtual Networking ([Click to Join Zoom Meeting](#)) - Visit with presenters of technologies and start-ups in 12 Zoom breakout rooms.

1:00 pm Meeting Ends