

Workshop: Genomic and Synthetic Biology Digital Biosecurity

Updated: 12/02/2021

Organizers: Nina Alli, Corey Hudson, Ravishankar Iyer, Zbigniew Kalbarczyk, Nicholas Pattengale

Monday January 3, 2022 09:00-12:00pm in the Main Salon

9:00 – 9:20 Welcome and Introduction – Corey Hudson, Sandia National Labs

9:20 – 9:40 *Biomedical research in the cloud: securing data and advancing discovery*, Michelle Holko, Google Cloud

9:40 – 10:00 *Security of engineered DNA sequences*, Jean Peccoud, Colorado State University

10:00 – 10:20 *BLISS and Biosecurity Sequence Screening for Synthetic Biology*, Lisa Simirenko, U.S. Department of Energy Joint Genomics Institute

10:20 – 10:40 BREAK

10:40 – 11:00 *Peering into the Cyberbio Threat Horizon*, Miles Rogers & Dan Wyschogrod, Raytheon BBN

11:00 – 12:00 Moderated Panel Discussion facilitated by Nina Alli (Biohacking Village and BIO-ISAC)

Panel Attendees: Jeff Moore (Draeger Medical), Michelle Holko (Google Cloud), Ravishankar Iyer (University of Illinois, Urbana-Champaign) & Charles Fracchia (BioBright, LLC)