

Session Program

19-20 Oct 2022

New York Scientific Data Summit 2022: Data-Driven Discovery in Science and Industry

Lightning Talks

This summit will be held as a virtual event.

Wednesday 19 October

13:40

Lightning Talks

Session | **Location:** This summit will be held as a virtual event. | **Convener:** Yuewei Lin

13:40–13:45

Characterization of Deep Learning Inference Workloads

Speaker

Elvis G. Fefey

13:45–13:50

An AI analysis of dark-field spectroscopy images towards early COVID-19 detection

Speaker

Nick Stapleton

13:50–13:55

Enhancing Deep Generative Molecular Design for Cancer Therapy by Incorporating Pathway Models

Speaker

Alif Bin Abdul Qayyum

13:55–14:00

Towards Data-Driven Machine Learning Prediction of RNA Secondary Structure

Speaker

Michael Zhang

14:00–14:05

Performance Modeling Across Heterogenous Domains Using Few-Shot Learning

Speaker

Arunavo Dey

14:05–14:10

Optimizing the Latent Space of Generative Models for Designing Molecules with Multiple Target Properties

Speaker

A N M Nafiz Abeer

14:10