

**Session Program**

**11-16 Dec 2022**

**Micro Pattern Gas Detectors 2022**

***Session 12***

# Friday 16 December

09:00

## Session 12: Operation at high rate

**Session** | **Location:** Weizmann Institute of Science, Rehovot, Israel

09:00–09:20

### **Towards Large Size Pixelized Micromegas for operation beyond 1 MHz/cm<sup>2</sup>**

**Speaker**

Mauro Iodice

09:20–09:40

### **Optimizing Structure and Operating of Gas Electron Multiplier (GEM) Detectors for High Particle Rate at Jefferson Lab**

**Speaker**

Huong Nguyen

09:40–10:00

### **Studying MPGDs simultaneously in energy, space and time at high rates: performance of the new RD51 VMM3a/SRS beam telescope**

**Speaker**

Lucian Scharenberg

10:00–10:20

### **Gaseous Detectors for Preclinical Proton Beam Monitoring, Characterization and Imaging**

**Speaker**

Jona Bortfeldt

10:20–10:40

### **The Effects of a Passive Bi-Polar Grid on Ion Back Flow & Resolution**

**Speaker**

Vladislav Zakharov

10:40