

Session Program

24-28 Jun 2019

**CTBT Science and Technology 2019
Conference**

**T3.1 Design of Sensor Systems and Advanced
Sensor Technologies**

Friday 28 June

11:00

T3.1 Design of Sensor Systems and Advanced Sensor Technologies

Session | **Location:** Hofburg, Rittersaal

11:00–11:15 **High sensitive Xe measurement**

Speaker

Yury Popov

11:15–11:30 **High Throughput Argon-37 Field System**

Speaker

James C. Hayes

11:30–11:45

How useful are (quantum technology) gravity measurements for on-site inspection?

Speaker

Daniel Boddice

11:45–12:00

Seismically Cued Antineutrino Detectors Have Limited Potential to Monitor Nuclear Explosions

Speaker

Rachel Carr

12:00–12:15

The Feasibility of Using MEMS Technology for Monitoring Large Earthquakes

Speaker

Anooshiravan Ansari

12:15–12:30

Using the existing telecommunication optical fiber cables as underwater seismic events detectors

Speaker

Yurii Pashkov

12:30