

Session Program

24-28 Jun 2019

**CTBT Science and Technology 2019
Conference**

**T3.5 Data Analysis Algorithms, Artificial
Intelligence, Big Data and Deep Learning**

Wednesday 26 June

18:30

T3.5 Data Analysis Algorithms, Artificial Intelligence, Big Data and Deep Learning

Session | Location: Hofburg, Forum

18:30–18:45

Can high-precision methods of seismic monitoring for earthquakes and explosions find application for broad areas?

Speaker

Paul Granston Richards

18:45–19:00

Continuous assessing of the Reviewed Event Bulletin with waveform cross correlation

Speaker

Mikhail Rozhkov

19:15–19:30

Identification of repeating seismic events using diffusion maps

Speaker

Yuri Bregman

19:30–19:45

Machine learning for emulation of seismic-phase travel times in 3-D earth models

Speaker

Stephen Myers

19:45–20:00

NET-VISA: Evaluation of event location performance compared to SEL3, and NEIC PDE

Speaker

Istvan Bondar

20:00–20:15

Recent Improvements on the Broadband Seismic Network of Iran (Implementing tuned Seiscomp3 and Automatic Online Moment Tensor Inversion)

Speaker

Saeed SoltaniMoghadam

20:15–20:30

The machine-learning tool NET-VISA from cradle to adulthood - The next generation system of the IDC and the SnT process

Speaker

Ronan Le Bras

20:30