WORKSHOP SCHEDULE

27th International Conference on Optical Fiber Sensors
OFS 2022
August 29-September 2, 2022 | The Westin Alexandria | Alexandria, Virginia, USA

Monday August 29th, 2022

WORKSHOP I: Advanced computation techniques applied to fiber optic sensors

14:00 - 16:00

14:00-14:30	Colin Olson	Naval Research Laboratory	Machine learning
14:30-15:00	Qizhong Liang	JILA	All-optical detection of COVID-19 using a frequency comb laser
15:00-15:30	Lihi Shiloh	Trigo Vision	Deep learning for fiber-optic DAS seismic data processing
15:30-16:00	Nageswara Lalam	Department of Energy / National Energy Technology Laboratory (DOE/NETL)	Distributed fiber optic sensors enhanced by machine learning data analytics for energy infrastructure monitoring

Coffee Break

WORKSHOP II: Quantum, nanoscale and ultra-precision sensing

16:30 - 17:30

16:30-17:00	Stefan Forstner	University of Queensland	Nano-optomechanics
17:00-17:30	Shau-Yu Lan	Nanyang Technological University	Cold atom laboratory in hollow-core fibers