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# International Workshop on Machine Learning for Space Weather: Fundamentals, Tools and Future Prospects | (smr 3750)

## Wednesday 09 November 2022

- (13:00-20:00)

time	title	presenter
13:00	Natural Language AI for Forecasting Ionosphere by Analogy: Concept Study	IVAN GALKIN
13:30	Specification and forecasting ionospheric total electron content (TEC) using advanced statistical and machine learning methods	SHASHA ZOU
14:00	Coffee Break	
14:30	Deep Learning fundamentals	MARIA G. MOLINA
15:30	Toward automatic detection of travelling ionospheric disturbances (TIDs) of different origins in near-real-time	ELVIRA ASTAFAYEVA
16:00	Using Clustering Techniques to Classify Secondary Particle Contributions in Water Cherenkov Detectors of the LAGO Collaboration	TICIANO TORRES-PERALTA
16:30	Lunch	
18:00	Hands-on Session	JORGE NAMOUR