

Data analytics meetings

# MACHINE LEARNING - 4TH PILLAR OF SPACE SCIENCE

18/05/22  
Wednesday

Jesenná 5,  
Košice  
SJ2P08

4:00  
pm



Šimon Mackovjak  
(Slovak Academy of  
Science in Košice)  
will present how  
machine learning  
techniques are used  
for space science in  
SPACE::LAB in  
Košice.



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Machine Learning is becoming the fourth pillar of scientific research. After theory, experiments, and simulations, it represents an additional essential approach to exploring nature and uncovering still hidden phenomena. Its role will be even more significant in the domain with a huge amount of data as Space Physics is. During the talk, it will be presented how machine learning techniques are used for space science in SPACE::LAB (Department of Space Physics, Institute of Experimental Physics, Slovak Academy of Sciences in Košice). The description of the space weather research will be presented together with specific examples of used ML techniques. The next steps and future plans will be also discussed.



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