

INVITATION TO THE LECTURE

JANUARY 14, 2026

12:30

ROOM 213

SUPPORT VECTOR MACHINES FOR WILDFIRE IDENTIFICATION

Jakub Kružík

Institute of Geonics, Czech Academy of Sciences, Ostrava

This talk explores the use of support vector machines (SVMs) for identifying wildfires in satellite imagery. We begin with a brief introduction to linear SVMs, followed by an overview of the dataset and preprocessing methods. We then analyze how different preprocessing strategies affect classification performance and the computational efficiency of the underlying quadratic programming solver.