



Seminář katedry fyziky atmosféry, letní semestr 2023/2024

Seminar of Department of Atmospheric Physics, summer semester 2023/2024

The seminar takes place on **Wednesdays, 12:20**, in the lecture room of **Department of Atmospheric Physics (A1127, 11th floor of the Troja campus main building)**, as well as online at <https://cuni-cz.zoom.us/j/6514300600>

13/3/2024 12:20	Nesrine Abid (University Tunis El Manar): Monitoring drought indices for decision support concerning the management of cereal productivity in Tunisia David Němec: Using 1D model for microphysics developments	
20/3/2024 12:20	Anežka Doležalová: Automatic detection of overshooting tops and their properties using Neural Networks Radek Zajíček: Response of atmospheric structure and circulation to global climate change	
27/3/2023 12:20	Saoussen Dhib: Projections of Climatic Extremes over Central Europe with performance-based constraint	
3/4/2023 12:20	Lukáš Bartík: Modeling of secondary organic aerosol formation Zuzana Procházková: Spectral analysis of ICON simulation	
10/4/2024 12:20	Presentations of upcoming MSc. theses:	J. Peiker: Statistical processing of pollutant concentration projections D. Hájková: Towards improved orographic gravity wave parameterization in chemistry-climate models M. Hostačný: Modern methods of subgrid turbulence modelling
17/4/2024 12:20	Presentations of upcoming Bc. theses:	L. Brodnianska: Emission of oxides of nitrogen from lightning K. Rezková: Application of Lyapunov coherent structures to the stratospheric winter polar circulation F. Záhorec: Analysis of the outputs of regional climate model Aladin-Climate/CZ with high spatial resolution
24/4/2024 12:20	Jelena Radović: Effects of buildings and trees on shortwave radiation modeling by the PALM model Sunil Kumar: Analysis of meteorological and pollutant measurements in MFF Troja Campus	
15/5/2024 12:20	Karikari Yamoah: The C3S data rescue for Africa, A research visit to Maynooth Álvaro Patricio Prieto Pérez: Validation of air-quality simulations in Central Europe in the 2010-2019 period	
22/5/2024 12:20	Massimo Martina: Applications of Lagrangian Particle Dispersion Models: MILORD and FLEXPART-WRF Kajal Julaha: Boundary Layer and Mixing Layer Height: Models vs. Ground-Based Measurements Intercomparison	

Current version of the program: https://miksovsky.info/D5_552024.pdf