



Seminář katedry fyziky atmosféry, zimní semestr 2024/2025

Seminar of Department of Atmospheric Physics, winter semester 2024/2025

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, V Holešovičkách 2, Prague 8), as well as online at <https://cuni-cz.zoom.us/j/6514300600>

16/10/2024 12:20	Shruti Verma: Evaluating RegCM5 Performance in Simulating Extreme Weather Events Across Europe Amanda Imola Szabó: Feddeme climate classification
23/10/2024 12:20	Dominika Hájková: Orographic gravity wave parameterizations and problem of a flow around mountains Kajal Julaha: Drone-based vertical profiling of black carbon aerosols at a rural background and urban site
30/10/2024 12:20	Zuzana Procházková: Gravity waves in high-resolution ICON simulation Radek Zajíček: Response of atmospheric structure and circulation to global climate change
6/11/2024 12:20	David Němec: Towards the double-moment rain parameterization in ALARO Alvaro Patricio Prieto Perez: Validation of present-day and future emissions simulations in Central Europe
13/11/2024 12:20	Jan Peiker: Systematic errors and where to find them: an ozone motivated investigation Anežka Doležalová: Automatic detection of OT and the first comparison with ESWD
20/11/2024 12:20	Hajnalka Breuer (Eötvös Loránd University): Application of the WRF Model across different scales
27/11/2024 12:20	Presentations of upcoming MSc. theses: A. Pešková: Analysis of the usability of satellite data for fire detection in the Czech Republic J. Ševčík: Study of snow data assimilation in Numerical Weather Prediction model ALADIN M. Hostačný: Modern methods of subgrid turbulence modelling
4/12/2024 12:20	Marina Despoina Liaskoni: Quantifying the impact of biogenic emissions on urban ozone and associated chemistry Lukáš Bartík: Modeling organic aerosol over central Europe
11/12/2024 12:20	Saoussen Dhib: Impacts of land use and land cover changes on extreme events using RegCM5 Massimo Martina: Stratosphere-Troposphere Exchange during a Typhoon event – A Lagrangian approach

Current version of the program: https://miksovsky.info/DS_WS2025.pdf