

# Luka Ilić

Atmospheric Scientist · PhD Meteorology

## Talks & Presentations

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### Invited & Contributed Talks

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[Sensitivity of Dust Absorption to Regionally and Size-Resolved Mineralogy in MONARCH](#)

*European WRF-Chem Workshop, Rijeka, Croatia, May 14, 2026*

[Toward a Globally Transferable Numerical Pollen Forecasting System: Advancing DREAM-POLL for Multi-Region Pollen Prediction](#)

*European WRF-Chem Workshop, Rijeka, Croatia, May 13, 2026*

[Weather and Climate HPC across scales at the Barcelona Techies Meeting, Metapilot Academy](#)

*Barcelona, Spain, February 12, 2026*

**Impact of Dust Mineralogy Representation on Modeled Optical Properties and Radiative Effects Using MONARCH**

*Sveučilište u Rijeci, Rijeka, Croatia, September 3, 2025*

[Impact of Dust Mineralogy Representation on Modeled Optical Properties and Radiative Effects Using MONARCH](#)

*12th Workshop on the Theory and Use of Regional Climate Models, ICTP, Trieste, Italy, September 2, 2025*

**Impact of Dust Mineralogy Representation on Modeled Optical Properties and Radiative Effects Using MONARCH**

*Univerza v Novi Gorici, Nova Gorica, Slovenia, August 25, 2025*

[Weather and Climate HPC across scales: SMEs, HPC Grid, Research Institutions](#)

*EuroCC4SEE Workshop, The Palace of Science, Belgrade, Serbia, May 20–22, 2025*

**CAMS2\_82 Dust Validation and Model Upgrade**

*Faculty of Physics Seminar, Institute of Meteorology, University of Belgrade, April 22, 2025*

**The Magic of Minerals in the Air Vol. 2**

*Talks & Meze, Belgrade, August 18, 2024*

**The Magic of Minerals in the Air**

*Talks & Meze, Barcelona, March 10, 2024*

## The Art of Improvisation: Melding into a Collective Mind

*Talks & Meze, Barcelona, November 26, 2023*

## [Implementation of mineralogy sensitive ice initiation parameterization in DREAM](#)

*South East Europe Space Conference, Belgrade, Serbia, September 30, 2020*

## Climate Change — How Much Have Humans Affected the Planet?

*Seventh Symposium: Theology in the Public Sphere, Trebinje, Bosnia and Herzegovina, February 2020*

## Modeling of immersion freezing initiation of mineral dust in DREAM

*7th WeBIOPATR Workshop and Conference, Belgrade, Serbia, 1–3 October 2019*

## Presentation of PhD project

*Computational Research of Young Talents in Serbia — The Milanković Day, Mathematical Institute SASA, May 28, 2019*

## [VI-SEEM DREAMCLIMATE Service](#)

*E-Infrastructures for Excellent Science in Southeast Europe and the Eastern Mediterranean, Sofia, Bulgaria, 15–16 May 2018*

## Parameterization of dust-induced ice nuclei concentration in DREAM

*Kay Polar and Atmospheric Science Group Meeting, University of Colorado at Boulder, July 5, 2017*

## Dust modeling using the DREAM model

*Lohmann Atmospheric Physics Group Seminar, Institute for Atmospheric and Climate Science, ETH Zurich, November 26, 2016*

## Numerical Weather Prediction Eta Model

*Maxeler Workshop, University of Kragujevac, Serbia, October 20, 2012*