



## Do we need to darken the sun?

### Solar radiation management as a solution to the climate crisis?

Wednesday 27th August 2025, 19:00 to 21:00

Palais Eschenbach, Eschenbachgasse 11, 1010 Wien



The 22<sup>nd</sup> International Conference on Nucleation and Atmospheric Aerosols (ICNA 25) brings together around 200 scientists with a research focus on the formation of small liquid or solid particles in the atmosphere, so-called aerosols. Aerosols play a crucial role in the climate system and air pollution.

Environment  
and Climate  
Research  
Hub



W|W|T|F

Participation is free of charge, however, we would appreciate your informal registration to the event by sending an email to [icnaa2025@univie.ac.at](mailto:icnaa2025@univie.ac.at)

Imagine a **giant dimmer switch** for the planet - an emergency brake on global warming. Solar Radiation Management is a bold and controversial idea that aims to reflect a small fraction of sunlight back into space to cool the Earth. One leading approach involves injecting tiny aerosols into the upper atmosphere, mimicking the cooling effect of volcanic eruptions.

Could this be a powerful tool to buy time in the climate crisis? Or are we opening a Pandora's box with unpredictable consequences?

### Kick-Off Talk

**Markku Kulmala**, University of Helsinki

How atmospheric new particle formation affects interlinked environmental grand challenges

### Panel Discussion

**Ulrike Felt**, Expert in Science and Technology Studies and Responsible Research, University of Vienna

**Zoran Ristovski**, Expert in Nanoparticle Formation and Artificial Cloud Brightening, Queensland University of Technology

**Blaž Gasparini**, Expert in Cloud Micropysics and Geoengineering, University of Vienna

**Simon Ellmauer-Klambauer**, Head of Department for General Climate Policy, Republic of Austria

### Moderation

invited by WWTF – The Vienna Science and Technology Fund:

**Raffael Himmelsbach**, Ludwig Boltzmann Gesellschaft