

20TH INTERNATIONAL CONFERENCE

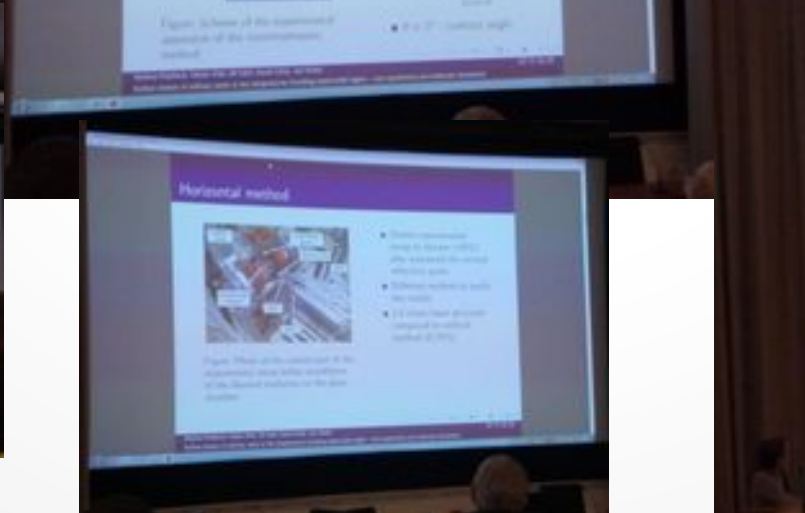
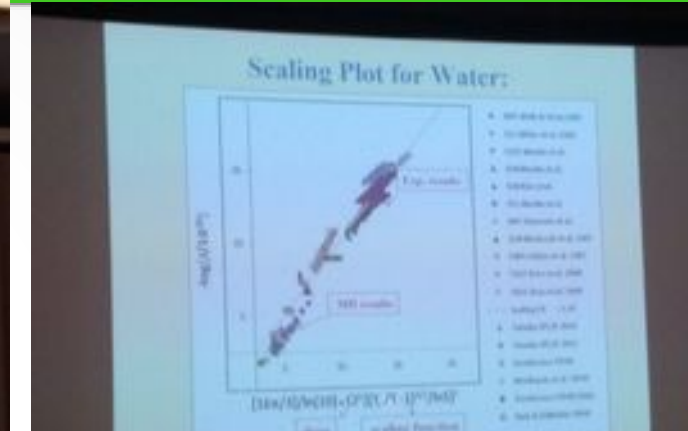
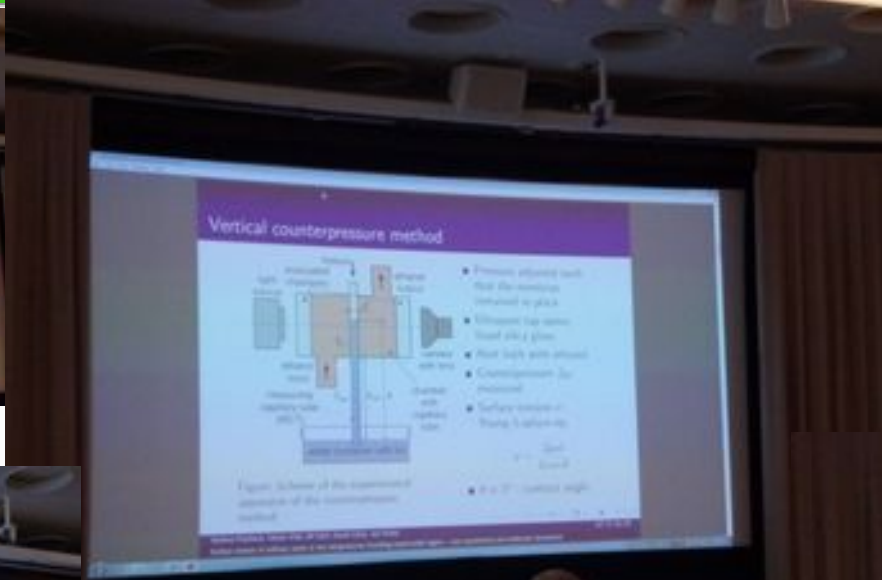
ON **NUCLEATION** AND
ATMOSPHERIC
AEROSOLS

25-30 June, 2017. **HELSINKI**, FINLAND

The conference organizers



Presentations



Summary of Results

| Sample | Elemental Analysis | Water, mass (%) | wt. Fraction (%) | DT _{50%} | DT _{90%} | DT _{95%} | DT _{99%} |
|----------|--------------------|-----------------|------------------|-------------------|-------------------|-------------------|-------------------|
| Sample 1 | 42.4, 5.2, 8.1 | 8.0 | 0.340 | 9.2 | 10.1 | 10.7 | 11.1, 11.5 |
| Sample 2 | 50 | 10 | 0.240 | 4.2 | 5.0 | 5.3 | 5.6, 5.9, 6.2 |
| Sample 3 | 55 | 15 | 0.280 | 4.0 | 4.8 | 5.0 | 5.3, 5.7, 6.0 |
| Sample 4 | 50 | 10 | 0.240 | 9.0 | 10.0 | 10.5 | 10.8, 11.2, 11.6 |
| Sample 5 | 50 | 10 | 0.240 | 9.0 | 10.0 | 10.5 | 10.8, 11.2, 11.6 |

Reference reaction: $\text{C}_{10}\text{H}_8\text{O}_2 + 12\text{O}_2 \rightarrow 10\text{CO}_2 + 4\text{H}_2\text{O}$

Laboratory studies of immersion mode heterogeneous ice nucleation

Showed and told about our the research

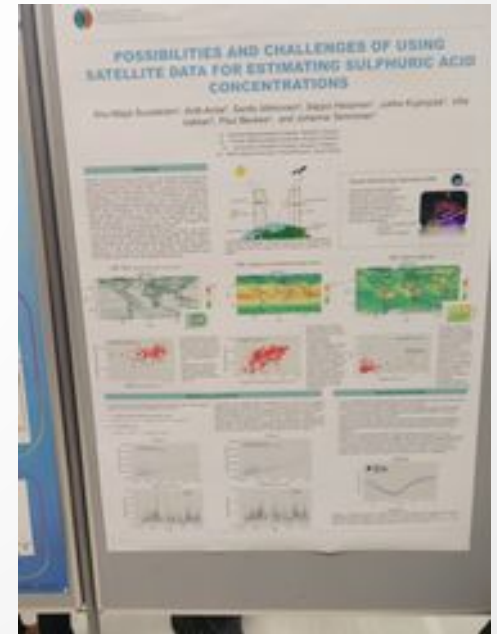
Ice crystals play a significant role in the formation of radiation properties of clouds and precipitation processes.....

and

looked at another posters



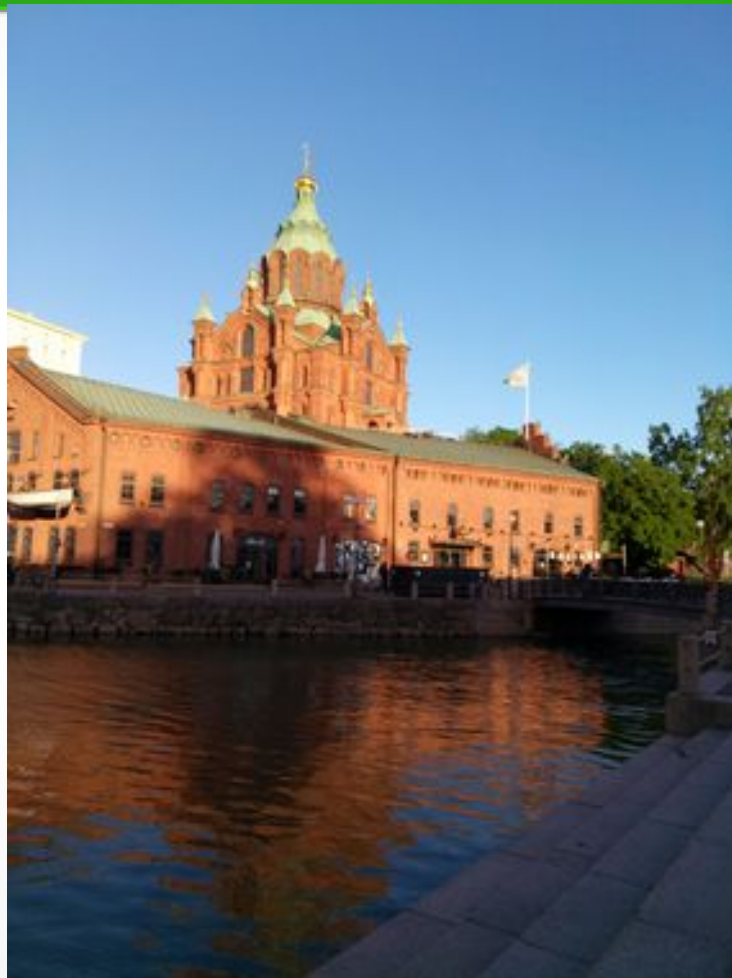
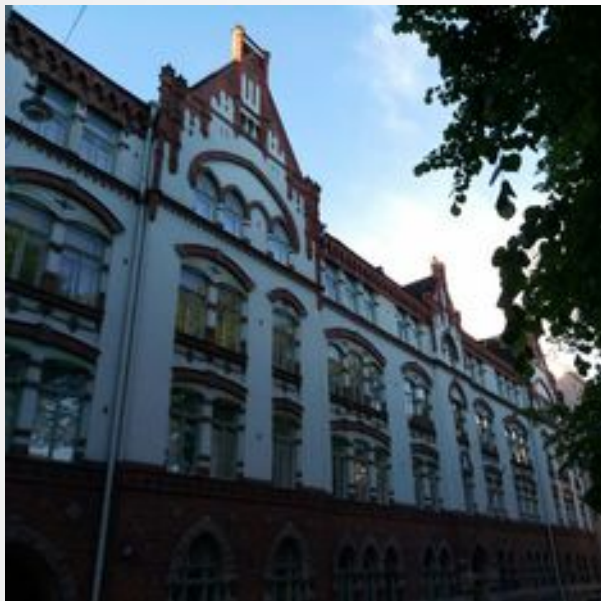
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