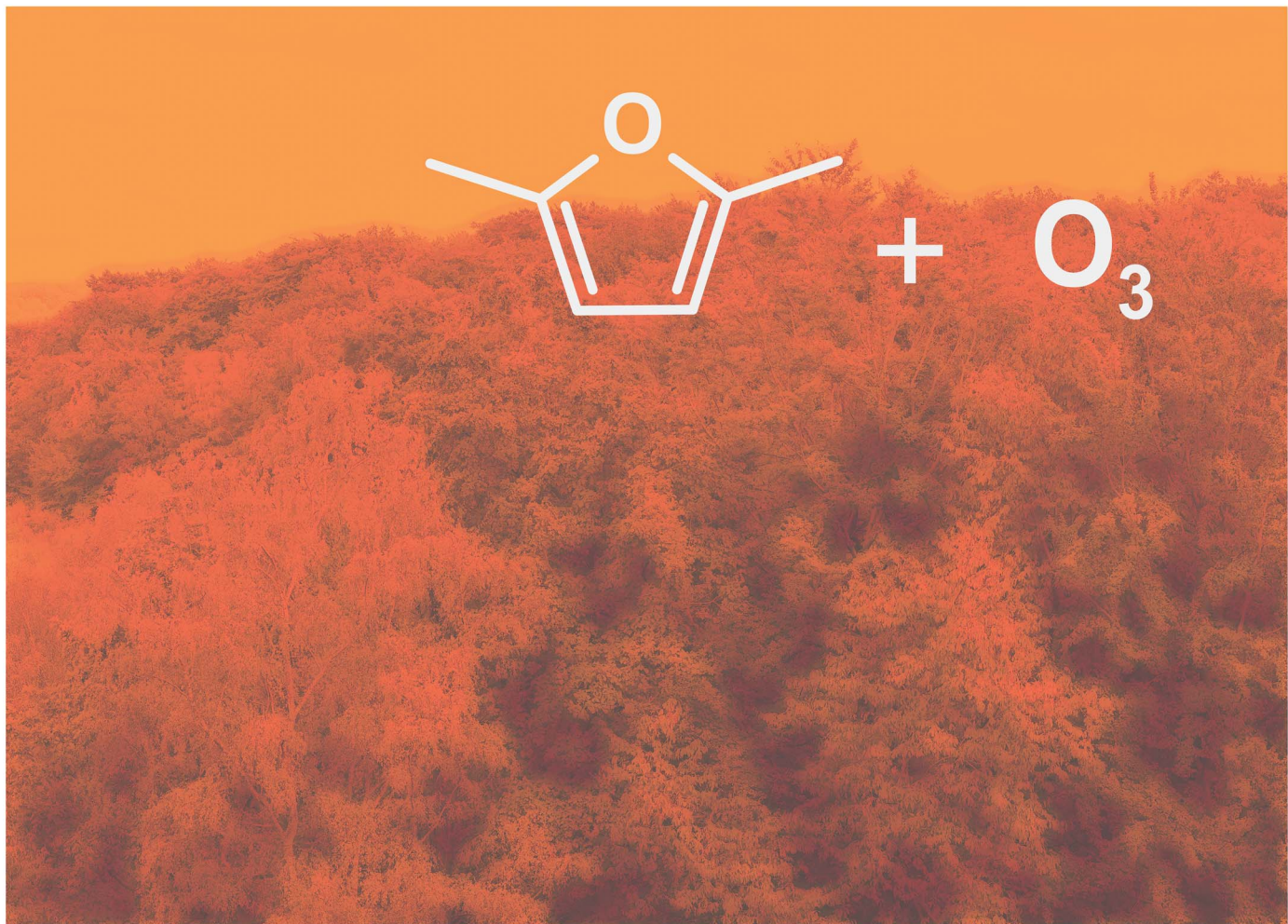


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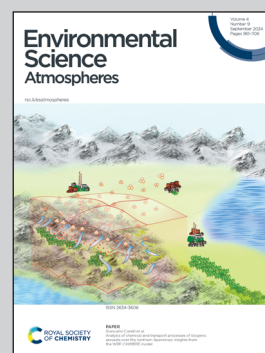


Showcasing research from the Institute for Atmospheric and Environmental Research, University of Wuppertal, Germany.

O₃ chemistry of 2,5-dimethylfuran: mechanism development

The gas-phase ozonolysis of 2,5-dimethylfuran was investigated in a quartz glass atmospheric simulation chamber. 2,5-Dimethylfuran was found to be highly reactive towards O₃. The target reaction produces a range of small reactive species as well as compounds contributing to atmospheric acidity like acetic acid and acetic anhydride.

As featured in:



See Niklas Illmann and Vera Rösgen,
Environ. Sci.: Atmos., 2024, **4**, 1000.