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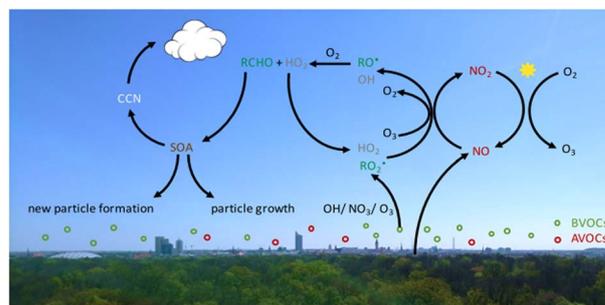
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164

## Urban and Remote cheMistry modELLing with the new chemical mechanism URMELL: part I gas-phase mechanism development

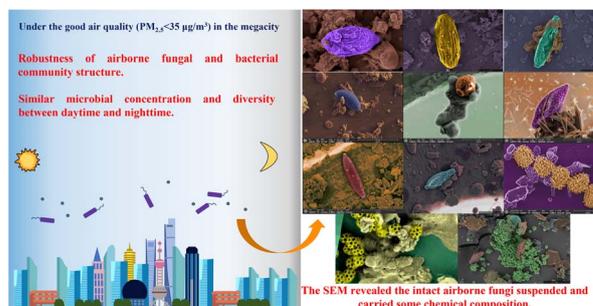
Marie Luise Luttkus, Erik Hans Hoffmann, Andreas Tilgner, Ralf Wolke, Hartmut Herrmann and Ina Tegen



190

## Nycterohemeral airborne fungal and bacterial communities and health risks of potential pathogens in Shanghai

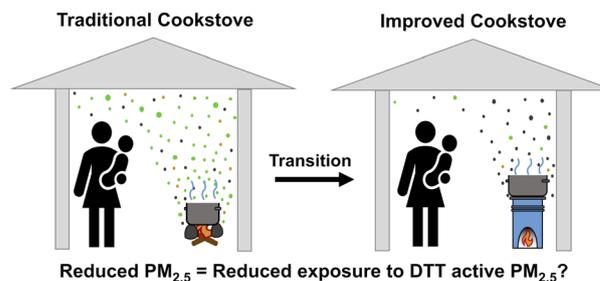
Xueyun Geng, Changliang Nie,\* Hui Chen, Xu Tang, Min Wei, Yi Wang, Huanxiang Gao, Dan Li, Mingliang Fang, Ruiting Ju, Bo Li, Haidong Kan, Renjie Chen, Jinzhuo Zhao, Lin Wang and Jianmin Chen\*



202

## Oxidative potential of fine particulate matter emitted from traditional and improved biomass cookstoves

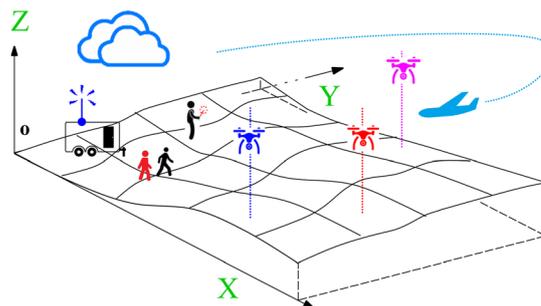
Bradley H. Isenor, Jillian P. Downey, Samuel A. Whidden, Megan M. Fitzgerald and Jenny P. S. Wong\*



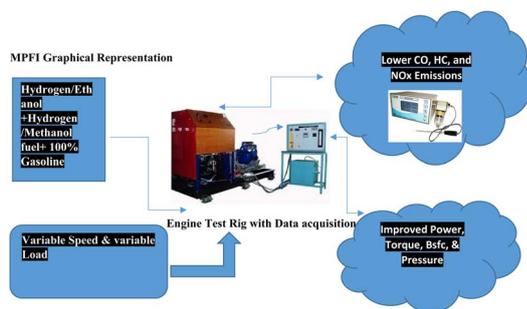
214

## The mobility virtual environment (MoVE): an open source framework for gathering and visualizing atmospheric observations using multiple vehicle-based sensors

Marc D. Compere,\* Kevin A. Adkins, Avinash Muthu Krishnan, Ronny Schroeder and Curtis N. James



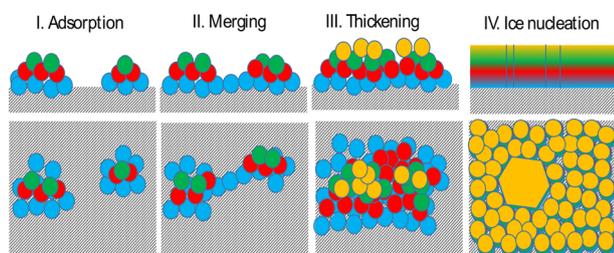
233



## Numerical one-dimensional investigations on a multi-cylinder spark ignition engine using hydrogen/ethanol, hydrogen/methanol and gasoline in dual fuel mode

Ufaith Qadiri\*

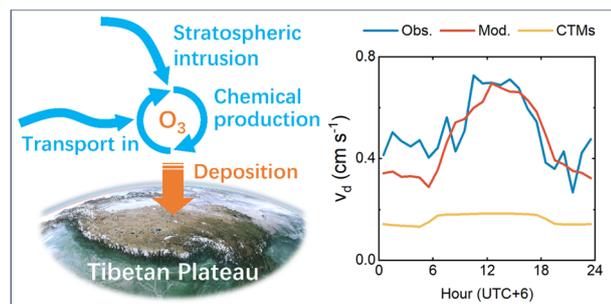
243



## The molecular scale mechanism of deposition ice nucleation on silver iodide

Golnaz Roudsari, Mária Lbadaoui-Darvas,\* André Welti, Athanasios Nenes and Ari Laaksonen

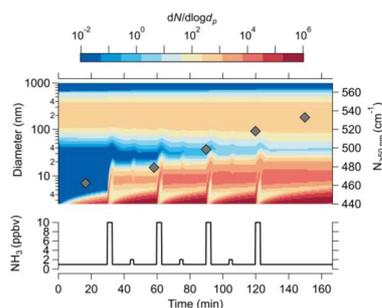
252



## Improving model representation of rapid ozone deposition over soil in the central Tibetan Plateau

Chong Zhang, Jianshu Wang, Yingjie Zhang, Wanyun Xu, Gen Zhang, Guofang Miao, Jiacheng Zhou, Hui Yu, Weixiong Zhao, Weili Lin, Ling Kang, Xuhui Cai, Hongsheng Zhang and Chunxiang Ye\*

265



## Assessing the importance of nitric acid and ammonia for particle growth in the polluted boundary layer

R. Marten, M. Xiao, M. Wang, W. Kong, X.-C. He, D. Stolzenburg, J. Pfeifer, G. Marie, D. S. Wang, M. Elser, A. Baccarini, C. P. Lee, A. Amorim, R. Baalbaki, D. M. Bell, B. Bertozzi, L. Caudillo, L. Dada, J. Duplissy, H. Finkenzeller, M. Heinritzi, M. Lampimäki, K. Lehtipalo, H. E. Manninen, B. Mentler, A. Onnela, T. Petäjä, M. Philippov, B. Rörup, W. Scholz, J. Shen, Y. J. Tham, A. Tomé, A. C. Wagner, S. K. Weber, M. Zauner-Wieczorek, J. Curtius, M. Kulmala, R. Volkamer, D. R. Worsnop, J. Dommen, R. C. Flagan, J. Kirkby, N. McPherson Donahue, H. Lamkaddam,\* U. Baltensperger and I. El Haddad\*

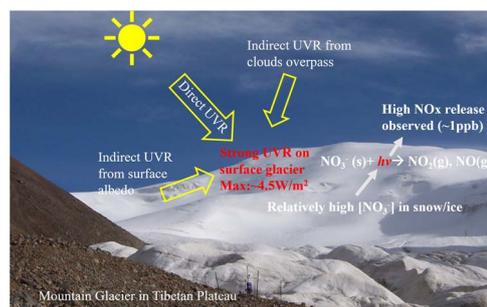


## PAPERS

275

**Preliminary observation of strong NO<sub>x</sub> release over Qiyi Glacier in the northeast of the Tibetan Plateau**

Weili Lin, Feng Wang, Chunxiang Ye and Tong Zhu\*



## CORRECTION

282

**Correction: Emerging investigator series: aqueous oxidation of isoprene-derived organic aerosol species as a source of atmospheric formic and acetic acids**

Kelvin H. Bates, Daniel J. Jacob, James D. Cope, Xin Chen, Dylan B. Millet and Tran B. Nguyen\*

