

AS4.4/BG5.5/CL4.7/SSS.0.14 Programmes

Session Relations

The Poster Summaries & Discussions Session [PSD14.9](#) corresponds to your Session AS4.4/BG5.5/CL4.7/SSS.0.14 and is scheduled on Monday, 28 Apr, 10:30–12:00

Orals

Monday, 28 Apr 13:30–15:00, Room B11

Chairperson:Lappalainen, Baklanov, Shvidenko

- 13:30–13:45 [EGU2014-13211](#)
Tuukka Petäjä, Hanna Lappalainen, Nina Zaytseva, Anatoli Shvidenko, Joni Kujansuu, Veli-Matti Kerminen, Yrjö Viisanen, Vladimir Kotlyakov, Nikolai Kasimov, Valery Bondur, Gennadi Matvienko, Sergej Zilitinkevich, and Markku Kulmala
Pan Eurasian Experiment (PEEX): a new research initiative focused on the Northern Pan-Eurasian Region
- 13:45–14:00 [EGU2014-15751](#)
Alexander Baklanov, Alexander Mahura, Vladimir Penenko, Sergej Zilitinkevich, and Markku Kulmala
PanEurasian Experiment (PEEX): Modelling Platform for Earth System Observations and Forecasting
- 14:00–14:15 [EGU2014-4143](#)
Anatoly Shvidenko, Dmitry Schepaschenko, and Alexander Baklanov
Integrated Land Information System - a relevant step for development of information background for PEEX?
- 14:15–14:30 [EGU2014-16609](#)
Igor Esau
Climate factors of the high-latitude planetary boundary layer
- 14:30–14:45 [EGU2014-6142](#)
Steffen M. Noe, Ülo Niinemets, Ahto Kangur, Urmas Hõrrak, Kaido Soosaar, and Ülo Mander
Interdisciplinary research at the SMEAR Estonia station
- 14:45–15:00 [EGU2014-1966](#)
Nataly Chubarova and Ekaterina Zhdanova
Harmful and favourable ultraviolet conditions for human health over Northern Eurasia

Posters

Display Time: Monday, 28 Apr, 08:00–19:30

Attendance Time: Monday, 28 Apr 17:30–19:00

Chairperson: Petäjä, Baklanov, Shvidenko

1 [EGU2014-13446](#)

Hanna K. Lappalainen, Tuukka Petäjä, Nina Zaytzeva, Yrjö Viisanen, Vladimir Kotlyakov, Nikolay Kasimov, Valery Bondur, Gennady Matvienko, Sergej Zilitinkevich, and Markku Kulmala

Pan-Eurasian experiment (PEEX) establishing a process towards high level Pan-Eurasian atmosphere-ecosystem observation networks

2 [EGU2014-9529](#)

Pertti Hari, Tuukka Petäjä, Jaana Bäck, Timo Vesala, Jukka Pumpanen, Hanna Lappalainen, Sergej Zilitinkevich, Eija Asmi, Tuomas Laurila, Yrjö Viisanen, and Markku Kulmala

Conceptual development of a comprehensive measurement system for understanding the boreal and Arctic ecosystem-atmosphere relations

3 [EGU2014-16615](#)

Ella-Maria Kyrö, Riikka Väänänen, Veli-Matti Kerminen, Aki Virkkula, Ari Asmi, Tuomo Nieminen, Miikka Dal Maso, **Tuukka Petäjä**, Petri Keronen, Pasi Aalto, Ilona Riipinen, Katrianne Lehtipalo, Pertti Hari, and Markku Kulmala

Long-term aerosol and trace gas measurements in Eastern Lapland, Finland: the impact of Kola air pollution to new particle formation and potential CCN

4 [EGU2014-16608](#)

Fidel Pankratov, Alexander Mahura, Valentin Popov, and Oleg Katz

Long-term continuous monitoring of mercury in the Russian arctic: winter increase of atmospheric mercury depletion events

5 [EGU2014-2589](#)

Mikhail Yu. Arshinov, Boris D. Belan, Denis K. Davydov, Artem V. Kozlov, Georgii A. Ivlev, Dmitrii A. Pestunov, Gennadii N. Tolmachev, and Alexander V. Fofonov

Measurements of trace gas species and aerosols at three Siberian stations

6 [EGU2014-12325](#)

Jean-Daniel Paris, Boris D. Belan, Gérard Ancellet, Philippe Nédélec, Mikhail Yu. Arshinov, Arnaud Pruvost, Antoine Berchet, Emmanuel Arzoumanian, Isabelle Pison, Philippe Ciais, and Kathy Law

Greenhouse gas aerosols and pollutants over Siberia: the YAK-AEROSIB French Russian Joint International Laboratory

7 [EGU2014-12570](#)^{ys}

Sung-Bin Park, **Jošt V. Lavrič**, Olaf Kolle, Timo Vesala, Alexey Panov, and Martin Heimann

Greenhouse gases measurements at Zotino Tall Tower Observatory (ZOTTO) in central Siberia

8 [EGU2014-13154](#)^{ys}

Alisa Krasnova, Steffen M. Noe, Dmitrii Krasnov, and Ülo Niinemets
Seasonal and diurnal variations of CO₂ fluxes over a hemiboreal forest

9 [EGU2014-12571](#)

Johanna Patokoski, Taina M. Ruuskanen, Maija K. Kajos, Risto Taipale, Pekka Rantala, Juho Aalto, Timo Ryyppö, Hannele Hakola, and Janne Rinne
Volatile organic compound sources for Southern Finland

10 [EGU2014-13331](#)^{ys}

Dmitrii Krasnov, Steffen M. Noe, Alisa Krasnova, and Ülo Niinemets
Heterogeneity of hemiboreal forests related to ecosystems functioning.

11 [EGU2014-9635](#)^{ys}

Alexey Panov, Xuguang Chi, Jan Winderlich, Anatoly Prokushkin, Alexander Bryukhanov, Mikhail Korets, Evgenii Ponomarev, Anastasya Timokhina, Meinrat O. Andreae, and Martin Heimann

Influence of wildfires on atmospheric composition and carbon uptake of forest ecosystems in Central Siberia: the establishing of a long-term post-fire monitoring system

12 [EGU2014-16610](#)

Sergej Zilitinkevich

Atmospheric planetary boundary layers: nature, theory, modelling and role in PEEEX

13 [EGU2014-1516](#)

Igor Esau and Mikhail Varentsov

Fine-resolution mapping of micro-meteorological features in regions with heterogeneous landscapes

14 [EGU2014-8085](#)

Alexander Komarov, **Valery Kudenyarov**, and Vladimir Shanin

Climate change, forest management and nitrogen deposition influence on carbon sequestration in forest ecosystems in Russia: simulation modelling approach