

2. Workshop Methods for measuring and forecasting air quality (especially in metropolitan areas)

- preliminary agenda -

March 10th, 2020

BEST WESTERN Hotel am Schlosspark, August-Bebel-Straße 1 in 09577 Lichtenwalde/Germany

Registration

Welcome by Prof. Dr. Wolfram Scharff, Managing Director of IfU GmbH Private Institute for Environmental Analysis

Topic I. Measurement Technologies and Techniques

- "MTP-5 for ecological tasks in urban areas" - Dr. Mathias Schröder, IfU GmbH Private Institute for Environmental Analysis
 - "Stable boundary layer development in summer nights – comparison of simple models with the MTP-5 radiometer, mast and SODAR/RASS measurements" - Dr. Josef Keder, Czech Hydrometeorological Institute
 - "Testing measurement of the MTP-5 in the Tusimice observatory and comparison with the mast and sodar-RASS" - Adriana Šindelářová, Czech Hydrometeorological Institute
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coffee break

- "Experience in development of air quality monitoring networks in the cities based on compact modern stations" - Evgeny Ganshin, AeroState/Cityair
 - "Experience with Meteorological Temperature Profiler MTP-5 for the mining industry" - Eugene Miller, RPO ATTEX"
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lunch break

Topic II. Models and forecasting

- "Diagnosis and forecast of meteorological conditions and air pollution in a megalopolis" - Irina Shalygina, Hydrometeorological Research Center of the Russian Federation
 - "Influence of low-level cloudiness on the Westafrican monsoon: considering Aerosol load", Dr. Anke Kniffka, German Weather Service
 - "tba" - Dr. Ralf Petrich, IfU GmbH Private Institute for Analytics
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Summary / end of meeting
