

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

### - Agenda -

March 10<sup>th</sup>, 2020 *BEST WESTERN Hotel am Schlosspark, August-Bebel-Straße 1 in 09577 Lichtenwalde/Germany*

9:00	Registration
9:30 – 9:45	Welcome by Prof. Dr. Wolfram Scharff Managing Director of IfU GmbH Private Institute for Environmental Analysis
<b>Topic I. Measurement Technologies and Techniques</b>	
9:45 – 10:15	MTP-5 for ecological tasks in urban areas Dr. Mathias Schröder, IfU GmbH Private Institute for Environmental Analysis
10:15 – 10:45	Stable boundary layer breakup in summer morning – comparison of simple model with the MTP-5 radiometer and mast measurements Dr. Josef Keder, Czech Hydrometeorological Institute
10:45 – 11:15	Testing measurement of the MTP-5 in the Tusimice observatory and comparison with the mast and sodar-RASS Adriana Šindelářová, Czech Hydrometeorological Institute
11:15 – 11:45	<i>coffee break</i>
11:45 – 12:15	Experience of air quality monitoring networks development based on compact modern stations in the cities: highlights and insights Evgeny Ganshin, AeroState/Cityair
12:15 – 12:45	Experience with Meteorological Temperature Profiler MTP-5 for the mining industry Eugene Miller, RPO ATTEX
12:45 – 14:00	<i>lunch break</i>
<b>Topic II. Models and forecasting</b>	
14:00 – 14:30	Diagnosis and forecast of meteorological conditions and air pollution in a megalopolis Irina Shalygina, Hydrometeorological Research Center of the Russian Federation
14.30 – 15:00	Influence of low-level cloudiness on the Westafrican monsoon: considering Aerosol load Dr. Anke Kniffka, German Weather Service
15:00 – 15:30	MESCAL® - A Meteorology Toolkit for Dispersion Modeling in Europe Dr. Ralf Petrich, IfU GmbH Private Institute for Analytics
15:30 – 15:45	Summary / end of meeting