

Professor Markku Kulmala of the University of Helsinki receives award *Doctor et professor honoris causa* from the Tyumen State University, Russia

Doctor et professor honoris causa from the Tyumen State University was awarded to Professor Markku Kulmala, University of Helsinki, for his work in atmospheric sciences, meteorology and climatology, on the formation of atmospheric aerosol, nucleation, cloud microphysics, atmosphere-Earth surface interactions, climate change, air pollution, Arctic and boreal environment, global environmental grand challenges and particularly his activities related to Pan Eurasian Experiment (PEEX).

Professor Kulmala's central research areas include the effects of atmospheric aerosols on the climate and human health, the nanophysics and chemistry of aerosols, microphysics of clouds and the connections between the biosphere, aerosols, clouds and the climate.

He is an expert in the climatic questions of the Arctic and the Boreal. His work is fundamental research connected to advanced in situ observation techniques and observation networks. He is aimed for studying atmospheric interactions globally and to find practical solutions on global challenges like climate change and air pollution.

At the moment his research unit is planning to expand its networks of measuring stations as part of the international PEEX (Pan Eurasian Experiment) program. For continuous measurements he has developed four measuring SMEAR (Stations Measuring Ecosystem Atmosphere Interactions)-typed stations in Finland, one in Estonia and one in Nanjing, China. He is now expanding and promoting

SMEAR –station activities in a frame of PEEX observation program in Russia.

According to the ISI Web of Knowledge, Kulmala is 1st in the Citation Rankings in Geosciences (since 1.5.2011). The total number of citations is over 35000 (from over 10000 different papers) and his H-factor is 92.

His latest honours have been IIASA Distinguished Visiting Fellow 11.2. 2015, Fedor P. Litke Gold Medal, Russian Geographical Society, 19.8. 2015.

Professor Kulmala's expertise and leadership will contribute to and deepen relationship between the Tyumen State University and the University of Helsinki, and will further promote the co-operation in the field of education , science and observation networks.