



Announcement of lecture

Winter semester 2023/2024

Basics of Air Quality Control (3 ECTS)

no. of lecture 610701002

lecturer:	Dr.-Ing. U. Vogt
supervisor:	M.Sc. Daniel Obando Núñez E-Mail: daniel-ricardo.obando-nunez@ifk.uni-stuttgart.de
time period:	Friday, 9:45 a.m. – 11:15 a.m.
start of lecture:	20.10.2023
location:	IFK, Pfaffenwaldring 23, V23.01

Content of lecture Basics of Air Quality Control:

- Air pollutant compounds, definitions
- Natural sources of air pollutants
- Pollutant formation during combustion and industrial processes
- Dispersion of air pollutants in the atmosphere, meteorological influences, inversions
- Chemical reactions in the atmosphere (overview)
- Impacts on human beings, vegetation and materials (overview)
- Ambient air quality

Dr.-Ing. U. Vogt