

Session Program

7-8 Nov 2023

**Seminar - Air Quality and IoT-based Air
Sensors**

SPECIAL SESSION

Wednesday 8 November

13:00

SPECIAL SESSION: Satellites and Low-Cost Sensors: Advantages, Limitations, and Opportunities for Integration (Dr. Carl Malings)

Session | **Convener:** Prof. Daniel Westervelt

13:00–13:20

Satellites and Low-Cost Sensors: Advantages, Limitations, and Opportunities for Integration

Speaker

Dr Carl Malings

13:30

13:30

SPECIAL SESSION: IOT solutions for vehicular traffic estimation and emissions (Dr Stefano Bilotta)

Session | **Convener:** Prof. Daniel Westervelt

13:30–13:50

IOT solutions for vehicular traffic estimation and emissions

Speaker

Dr Stefano Bilotta

14:00

14:20

SPECIAL SESSION: Getting useful, actionable data out of air sensors (Prof. Dan Westervelt)

Session | **Convener:** Dr Bertrand TCHANKE

14:20–14:40

Getting useful, actionable data out of air sensors

Speaker

Daniel Westervelt

14:50

14:50

SPECIAL SESSION: Air Quality Management 2.0: Leveraging Innovative Technologies and Partnerships at the Intersection of Air Quality, Health, and Policy (Sean Wihera)

Session | **Convener:** Dr Bertrand TCHANKE

14:50–15:10

Air Quality Management 2.0: Leveraging Innovative Technologies and Partnerships at the Intersection of Air Quality, Health, and Policy

Speaker

Sean Wihera

15:20

15:20

SPECIAL SESSION: Catalyzing Air Quality Improvement in Africa Through Rigorous Low-Cost Sensor Evaluation: The Afri-SET Approach (Prof Allison Felix Hughes)

Session | **Convener:** Dr Bertrand TCHANKE

15:20–15:40

Catalyzing Air Quality Improvement in Africa Through Rigorous Low-Cost Sensor Evaluation: The Afri-SET Approach

Speaker

Allison Felix Hughes

15:50