

Mohamed Ahmed Mohamed Zeine  
Station Manager & Operator – IMS Station RN43, Nouakchott, Mauritania

### Come and see our poster to learn more about:

- At the IMS radionuclide Station RN43 (Particulate System MRP43), Nouakchott, Mauritania, PM10 levels often go beyond WHO and EU limits because of Saharan dust storms.
- Daily PM10 monitoring with the Snow White air sampler using the gravimetric method
- Linking dust data with radionuclides (Be-7, K-40, Pb-210) to study air movement and health risks
- This is only the beginning of our study at RN43. We invite collaboration to strengthen the monitoring and better understand the impact of Saharan dust on health and environmen.
- See our main poster (P2.3-487) for detailed results and comparisons with WHO/EU standards.



RN43 station site in Nouakchott, Mauritania



Snow White high-volume air sampler used for PM10 collection