

## **MIRTHE+ Symposium on Regional Air Quality Monitoring in Safety and Security Applications**

held on Oct. 3-4 at the City College of New York, engaged researchers, companies, practitioners, policy makers, regulators and other stakeholders to determine optimal requirements for development of new optical sensor systems and platform, and strategies for wide-scale, long-term deployment. The event opened with the morning session that explored end-users perspectives on sensor needs and requirements, and related policy implications, and the afternoon session focused on sensor and sensor network technology opportunities in urban safety and security applications. The day concluded with a panel where representatives from New York City Emergency Management, the New York City Department of Health and Mental Hygiene, and the Port Authority of New York and New Jersey discussed Monitoring and Sensing Technology Needs from Regional Agencies and Stakeholders, followed by a networking reception and dinner. Tuesday morning's session addressed trace gas detection techniques, and the closing afternoon session included a panel on industry directions and challenges, as well as barriers to innovation with a focus on the needs and opportunities in safety and security applications. About 60 guests at this meeting enjoyed sharing research ideas and exploring possibilities of joint collaborations. Please click to view the [agenda](#) and the [program](#). Presentations and posters are also available for viewing on the MIRTHE website ([click here](#)).

The Symposium was organized by The National Science Foundation Engineering Research Center on Mid-InfraRed Technologies for Health and the Environment ([MIRTHE](#)), and was hosted by Prof. Fred Moshary at City College of New York.

