

**Air Quality:  
Responding to New Challenges**

**Call for Papers**

**Conference with  
Posters and Exhibition**

**Organised by the  
Automation and Analytical Management Group -  
Royal Society of Chemistry**

**Tuesday 10th & Wednesday 11th December 2019**

**at The Royal Society of Chemistry,  
Burlington House, Piccadilly  
London W1J 0BA**

**Email: [conference@aamg-rsc.org.uk](mailto:conference@aamg-rsc.org.uk)  
Website: <http://www.rsc.org>**

# Call for Papers

## Air Quality: Responding to new challenges

### Conference with Posters and Exhibition

Tuesday 10th and Wednesday 11th December 2019  
The Royal Society of Chemistry, Burlington House, London

### Introduction

2019 has seen air quality remain high on the public and political agendas. The UK Government launched its new Air Quality Strategy, tackling a broad range of sources including traffic, wood burning and agriculture. Increasing numbers of countries and cities are making long-term commitments to phasing out petrol and diesel cars, increasing the focus on non-exhaust vehicle emissions, as well as current real-world exhaust emissions. As evidence of the health impacts of air pollution increase, cities are investigating and introducing new measures to meet EU Limit Values and protect their citizens. The demonstrators who are taking to the streets and demanding urgent action to tackle our climate crisis are also demanding clean air.

Building on the success of this long-running annual event, the 2019 conference will present an update on a range of relevant topics. The presenters will include internationally recognised experts, and there will also be a range of contributed talks and posters, providing a broad and up-to-date survey of the measurement, regulatory and scientific issues affecting air quality.

The conference will again be held in collaboration with Defra's Air Quality Expert Group (AQEG), with sessions based on the group's recently-published reports, including those on non-exhaust particle emissions and assessing the effectiveness of interventions intended to improve air quality. Presentations will also be made on topics that AQEG are currently scoping, including developments in vehicle exhaust emissions and non-methane volatile organic compounds. There will also be a session devoted to recent advances in airborne particle measurements, linked to the European AEROMET project.

## Call for Papers

Papers are especially invited on the following themes to be presented orally or as posters:

- Air quality measurement technologies:  
Recent developments, such as real-time PM speciation, low cost sensors and remote sensing, and improvements to calibration and accuracy.
- Vehicle exhaust and non-exhaust emissions:  
Especially recent results.
- Non-methane volatile organic compounds:  
Studies of emissions and ambient concentrations.
- The effectiveness of policies to control air pollution sources, improve local air quality and reduce personal exposure.
- Topical issues, such as air quality and climate change

## Abstract

A one page (A4) abstract of the proposed oral or poster presentation must be provided by **27 September 2019**. Authors will be informed of the Scientific Committee's decision by 25 October. The committee's decision is final.

Papers not chosen for an oral presentation may be included in the poster sessions. The format for producing the abstract is available on the AAMG web site. <http://www.rsc.org>. Abstracts in other formats will not be considered. Contributions should be forwarded by email to [conference@aamg-rsc.org.uk](mailto:conference@aamg-rsc.org.uk). All authors and presenters will be provided with details of administration arrangements and requirements for presentations.

## Scientific Committee

Alan Braithwaite, AAMG-Royal Society of Chemistry, UK; Gary Fuller, King's College London, UK; Paul Quincey, National Physical Laboratory, UK; Karl Ropkins, University of Leeds.