



# SCI-RSC Plastics, from Cradle to Grave and Resurrection

Wednesday 19 June 2019

SCI, London, UK



Organised by SCI's Environment, Health, Safety and Food Group and RSC's Environmental Chemistry, Toxicology and Food Chemistry Groups



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## Synopsis

The use and mis-use of plastics has attracted considerable attention. The UK government has already pledged to work to reduce waste plastic. The Chancellor Philip Hammond announced a £20m fund in the spring budget to help businesses and universities to develop "new technologies" to help achieve the target of eliminating "avoidable plastic waste" by 2042. There will be upcoming funding calls as well as a need to review the whole area to reduce, replace and refine the use of plastics.

This conference brings together key sectors with the aim of focussing on assessing challenges and opportunities for researchers, industry and government. There will be a thematic link between the uses of plastics, their replacement with other materials, where it is advantageous, the toxicological hazards and benefits of plastic use and the post-use challenges and opportunities.

## Registration

**Early bird rates before Friday 10 May 2019:**

SCI/RSC Member £85, SCI/RSC Student Member £35,  
SCI/RSC Subsidised Member £50, Non-Member £110

**Standard rates after Friday 10 May 2019:**

SCI/RSC Member £120, SCI/RSC Student Member £45,  
SCI/RSC Subsidised Member £90, Non-Member £155

## Call for Posters

Opportunities are available for a limited number of posters. Interested applicants should send an abstract of one A4 page or 300 words maximum, indicating title and authors, to [conferences@soci.org](mailto:conferences@soci.org) by **Friday 31 May 2019** with the subject line "SCI-RSC Plastics, from Cradle to Grave and Resurrection - Poster Abstract". Selected poster presenters will be given the opportunity to give a 3-minute presentation. Prizes will be given for the best poster and presentation.

## Programme

09.30 Registration and refreshments

09.45 Introduction and welcome

### Theme 1 – Plastics - Use and abuse

10.00 Plastics, packaging and politics - Stuart Foster, RECOUP

10.25 PVC in healthcare - Ruth Stringer, Healthcare without harm

10.50 Microplastics: Risks and regulation - Julius Kreißig, Wood PLC

11.15 Refreshment break

### Theme 2 – Challenges for plastics

11.35 Why the waste hierarchy does not work for plastics - Peter Reineck, Peter Reineck Associates Limited

12.00 Chemical upcycling of plastic waste - Andrew Dove, University of Birmingham

12.25 Discussion

13.00 Lunch

### Theme 3 – Post-use challenges

13.45 Disposal of plastics. Biological removal - John McGeehan, University of Portsmouth

14.10 Challenges in consumer packaging recycling - Richard McKinley, AXION

14.35 Refreshment break

### Theme 4 – What has been done and what are next steps

14.50 Innovate UK and other government initiatives - Sally Beken, KTN

15.20 Discussion of afternoon presentations

15.40 A series of short presentations/pitches for researchers and companies to explain needs, opportunities and technologies

16.05 Summary and potential next steps and discussion

17.00 Close

## Book today

T: +44 (0) 20 7598 1561

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W: <http://bit.ly/SCI-RSCplastics>

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