

ADHESION '13



Twelfth International Triennial Conference on The Science and Technology of Adhesion and Adhesives

National Science Learning Centre, University of York, UK

4 to 6 September 2013



FIRST ANNOUNCEMENT AND CALL FOR PAPERS



The Institute of Materials, Minerals & Mining

Co-ordinated by the Society for Adhesion and Adhesives which is based at The Institute of Materials, Minerals and Mining and organised by IOM Communications Ltd

Adhesion '13 will be the 12th in the series of international triennial conferences with the inaugural event held in 1980. Earlier 'Adhesion' conferences have been held at Durham in 1980, Nottingham in 1984, York in 1987 and 1993, Cambridge in 1990, 1996 and 1999, Glasgow in 2002, Oxford in 2005 and 2008, and York in 2011; **Adhesion '13 will return to the University of York from 4 to 6 September 2013.**

The organising committee is drawn from specialists well-known to the international adhesion community and is chaired by Jim Palmer. The Committee now requests papers on all aspects of the science and technology of adhesion and adhesives, including the following:

- Adhesion in the marine environment
- Adhesives for electronic applications
- Advances in adhesive materials: structural and pressure-sensitive adhesives
- Bio-adhesion and biomedical adhesion
- Engineering aspects of adhesion and engineering applications
- Environmental and ecological aspects
- Fundamental aspects of adhesion
- Industrial aspects
- Innovative designs and applications
- Mechanical properties of bonded joints including joint design and durability
- Nano technology as applied to adhesives
- New crosslinking chemistries and novel polymer structures used in adhesives
- Quality procedures, testing and standardisation
- Science, technology and properties of surfaces

The Conference programme will give high priority to a poster session.

The 9th Wake Memorial Lecture and the presentation of the de Bruyne Medal for 2013 will form the two principal foci of the Conference; previous recipients of both awards can be seen on the 'Community Board/Awards' page of the Society's web-site at <http://www.iom3.org/SAA>.

Call for Papers

Authors who wish to make a presentation are requested to send a short abstract – a maximum of 300 words (1 page) - in English, by **5 January 2013**, by either of following methods.

The preferred method is for abstracts to be sent directly through the Internet. Please go to:

<http://www.iom3.org/events/adhesion13>

Please then see: '**Call for Papers** [Full details ...](#)' then please click-on here to see the link to the submit abstracts page.

Authors without Internet access should send a typed copy of their short abstract to: Professor A.J. Kinloch, Department of Mechanical Engineering, Imperial College London, Exhibition Rd., London SW7 2BX, UK.

All papers and presentations will be in English and a condition of acceptance will be that at least one author from each paper will pay to attend the conference and present the work.

Publication

The extended abstracts (4 pages maximum) of the accepted papers will be published in the *Proceedings of Adhesion '13*, which will be available in both book form and on a CD-ROM at the conference.

Important Dates

5 January 2013	Final date for receipt of short abstracts (max. 1 page)
March 2013	Notification of acceptance to authors
1 April 2013	Dispatch of provisional programme and registration document
30 June 2013	Final date for receipt of extended abstracts (max 4 pages including figures)

Conference Venue

The Congress will be held in the National Science Learning Centre at the University of York; the Conference dinner is planned to be held in the Merchants Adventurer's Hall which was built between 1357 and 1361.

York is truly ageless - a city for all time and all people. It is a walled city, situated at the confluence of the Rivers Ouse and Foss. The city has a rich heritage and has provided the backdrop to major political events throughout

much of its two millennia of existence although archaeological evidence suggests that Mesolithic people settled the region between 8000 and 7000 BC.

Over its near 2000 years of recorded history, the city we know today as York has had many names. When in AD 71 the Romans conquered the Brigantes – the local Celtic tribes – they founded what was to become the capital of lower Britain: Eboracum. By the early 5th century, the Anglo-Saxons ruled this Kingdom of Northumbria and changed the name of their capital city to Eoferwic. Then, in 866 AD, the invading Vikings gave it the name of Jórviik: again a capital city and one of their principal trading centres. Suffering under William the Conqueror, it took until well into the Middle Ages for Jórviik to become again an important commercial centre as well as the ecclesiastical capital of the northern province of England. It was at this time that the name of Jórviik slowly mutated to York: the first mention can be traced to the 13th century.

In the 16th and 17th centuries kings regularly visited and in Georgian times it became the social capital of the north. When, in the 19th century, the railway arrived in York, its industrial future was assured. Trade and industry are still important but it is its long and varied history which has brought it world fame. For in York, visitors can not only hear about England's history, they can actually see it and walk in it.

The National Science Learning Centre was founded in response to an urgent need for subject-specific continuing professional development for science teachers. The Government and the Wellcome Trust invested £51 million in the creation of a national network of Science Learning Centres. The first Centre opened in October 2004 and there are now 10 Science Learning Centres around the country as well as the National Science Learning Centre - based in the University of York - which are rapidly becoming the focus for all science education activity in the UK, providing training for anyone from the British Isles. Each Centre is run by a consortium of organisations, which vary from local councils and professional bodies to universities, schools, science centres and industry partners.

York is readily accessible to the traveller by rail with excellent train services from London Kings Cross, Bristol, Birmingham, Edinburgh and Manchester. York is also served by a network of major roads, including the A1, M62/M1 and A19, which give good access from much of the country; on campus car parking facilities are also available. The International Airports at London (Heathrow and Gatwick), Leeds-Bradford and Manchester all have good rail and road links with the city; there are also excellent coach links from many major cities and airports.

Adhesion '13 Committee

Mr J Palmer (Chairman)	JP Consultancy
Professor RD Adams	Oxford University
Mr JA Bishopp	Star Adhesion
Mr MR Bowditch	SAA Secretary
Dr GW Critchlow	Loughborough University
Dr WR Broughton	National Physical Laboratory (NPL)
Dr RA Chivers	Consultant
Dr J Comyn	Loughborough University
Professor AD Crocombe	University of Surrey
Dr EJC Kellar	TWI
Professor AJ Kinloch	Imperial College London
Dr S Millington	Artis
Professor SJ Shaw	Dstl
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