

THE KEELE MEETINGS ON ALUMINIUM  
1995, 1997, 1999, 2001, 2003, 2005, 2007, 2009, 2011, 2013..

FIRST AND ONLY CALL FOR PAPERS, POSTERS  
AND EXPRESSIONS OF INTEREST

*The Birchall Centre, Keele University*

## The Tenth Anniversary Keele Meeting on Aluminium

*Illuminating and Elucidating Aluminium's  
Exposome: From Geochemistry to  
Neurochemistry, From Microbe to Man.*

Saturday 23<sup>rd</sup> February to Wednesday 27<sup>th</sup> February 2013

Venue: Norton Park Hotel, Winchester, England

<http://www.keele.ac.uk/depts/ch/groups/aluminium/index.html>

## ORGANISATION

The Tenth Keele Meeting on Aluminium will be held at Norton Park Hotel close to the quintessentially English City of Winchester.

The local hosts are The Birchall Centre, Lennard-Jones Laboratories, Keele University, Staffordshire where the immediate contact is Professor Chris Exley ([c.exley@chem.keele.ac.uk](mailto:c.exley@chem.keele.ac.uk)).

## AIMS OF THE MEETING

This is the Tenth Anniversary Meeting of the Keele Meetings and our aims over the past almost two decades have remained steadfastly to promote and communicate research into the myriad ways that aluminium impacts upon life. It is incredibly satisfying that we have come so far as to be able to announce the **Tenth Meeting**. This series of international meetings has been a success because of our collective need to communicate our research to an informed group of people who share a passion for aluminium, and in deed, for living in the Aluminium Age. Without such a group and this series of meetings there would be very few avenues through which aluminium research could be actively communicated and the subject would suffer should such a vacuum exist. The mantle of improving our knowledge about the natural history of aluminium would not be taken up by others and it would certainly not be supported by those with the most to gain from our efforts, the aluminium industry. So congratulations to all for bringing us now to our tenth meeting. I am resolved that it should be the most successful yet and that it should act as the platform for another ten meetings or more!

Submissions of **new unpublished research** are invited in all areas of aluminium (and silicon) research including;

Aqueous aluminium chemistry including its solubility and biological availability in the sea, lakes, rivers *et c.*

Aluminium geochemistry; including soil chemistry

Interactions of aluminium with micro-organisms

Interactions of aluminium in algae and plants

Interactions of aluminium with invertebrates and vertebrates

Human exposure to aluminium

Aluminium in human diseases

Analytical aluminium chemistry

Inorganic aluminium chemistry

Bioinorganic aluminium chemistry

Clinical aluminium chemistry

Aluminium biochemistry

Aluminium in biotechnology

Aluminium in food, cosmetics, drugs, vaccines, prosthetics etc.

Aluminium nanoparticles and nanotoxicity

Silicon in plants, animals and humans in health and disease

These are only suggestions. One of the key features of **Keele Meetings** is that there are no invited speakers and the **Scientific Programme** is entirely determined by the quality and breadth of the submitted abstracts for **Platform** and **Poster** presentations. The **Keele Meetings** have earned a reputation for the dissemination and discussion of high quality research. They are also highly informal and friendly events which help to foster new collaborations and new friendships within the disparate global aluminium research community.

We are all '**Living in the Aluminium Age**'. Why not come to the **Tenth Anniversary Keele Meeting on Aluminium** in Winchester, England and tell us all about your experience with our infamous metal, aluminium!

Chris Exley

## CALL FOR PAPERS

The **Keele Meetings on Aluminium** are organised to provide a forum for the presentation and discussion of **new and previously unpublished research**. Papers are invited in any area of aluminium research. The content of the **Scientific Programme** will as is usual for **Keele Meetings** be organised according to the nature of the contributed papers. The agenda will be set by the most timely research in the field. Submissions are sought for both **Platform and Poster** presentations. Both of these involve some degree of oral presentation. **Platform** presentations are allocated **30** minutes. Only **20** minutes should be used to present research. Each Platform presentation will be followed by a **10** minute discussion period. This emphasis on discussion is a key element of the **Keele Meetings** and **Session Chairs** will enforce these times with the utmost rigour! Participants presenting **Posters** will be allocated a **5** minute oral slot within an appropriate **Platform Session** to ‘advertise’ their **Poster**.

Prizes are available for the ‘**Best Postgraduate Presentation**’ (**Platform or Poster**) and ‘**Best Poster**’. All presentations, **Platform and Poster**, will be eligible for submission for publication in the **Journal of Inorganic Biochemistry**. The **Keele Meeting Issue of JIB** will be a regular issue of the journal (see for example, JIB 105, Issue 11) and all submissions will be subject to peer review.

If you are interested in presenting your research at the **Tenth Keele Meeting on Aluminium** please send a **150 word abstract** of your presentation to Professor C Exley, The Birchall Centre, Lennard-Jones Laboratories, Keele University, Staffordshire, ST5 5BG, UK. Abstract submission by email ([c.exley@chem.keele.ac.uk](mailto:c.exley@chem.keele.ac.uk)) attachment using WORD is preferred.

**Deadline for submission of abstracts is**  
**Friday 2<sup>nd</sup> November 2012.**  
**Please be prompt.**

## JD Birchall Memorial Lecture

In 2013 the JD Birchall Memorial Lecture will be given by;

### Professor Tamas Kiss

University of Szeged, Hungary.

Professor Kiss is truly one of the founding fathers of the inorganic biochemistry of aluminium.

The title of his talk is;

### *From Inorganic to Biological Chemistry of Aluminium*

#### Previous Lectures

1997 Dr C Exley *The Silicon BiCycle.*

1999 Professor RJP Williams FRS *What is Wrong with Aluminium?*

2001 Professor J Savory *Aluminium and Cell Suicide: Oh What a Tangled Web We Weave.*

2003 Dr JP Day *A History of Aluminium in Human Disease.*

2005 Professor DP Perl *The Association of Aluminium and Neurodegenerative Disease (1980-2005). Personal Recollections and Future Perspectives.*

2007 Professor TB Kinraide *Personal Experiences Analysing the Interactive Toxic and Ameliorative Effects of Aluminium Species and Other Ions.*

2009 Professor S Sjöberg *Chemical Speciation, Solubilities and Surface Complexation in Aqueous Al(hydr)oxide Suspensions.*

2011 Professor SC Bondy *Is the Aluminium in Your Drinking Water Safe?*

# PRELIMINARY TIMETABLE

## Saturday 23<sup>rd</sup> February 2013

- 15.30 Registration and Poster Assembly
- 20.00 Welcome to Meeting / Welcome Buffet

## Sunday 24<sup>th</sup> February 2013

- 09.00 Conference
- 13.00 Lunch
- 14.30 Conference
- 18.30 End of First Day
- 20.00 Dinner  
Poster Session and Local Wine Tasting!!

## Monday 25<sup>th</sup> February 2013

- 09.00 Conference
- 14.00 Lunch
- FREE AFTERNOON
- 20.00 Dinner

*Tuesday 26<sup>th</sup> February 2013*

09.00	Conference
13.00	Lunch
14.30	Conference
17.00	JD Birchall Memorial Lecture
18.30	Closing Remarks
20.00	Conference Dinner

**The Scientific Programme will be finalised during December 2012 and will be posted on the Meeting website with all other relevant information.**

[www.keele.ac.uk/depts/ch/groups/aluminium/aluminium.htm](http://www.keele.ac.uk/depts/ch/groups/aluminium/aluminium.htm)

## REGISTRATION

The **Conference** is run at cost. This means that the **Conference Fees** pay for the major costs of the **Conference**. All participants will pay the **Conference Fee** of **£950** (nine hundred and fifty pounds sterling), **per person** for single room occupancy or **£675** (six hundred and seventy-five pounds sterling) **per person** for shared occupancy.

**Accompanying guests** will be charged the shared occupancy rate of **£675** and will be treated as delegates.

The Conference Fee includes **everything!**; **Registration; Accommodation (23<sup>rd</sup>, 24<sup>th</sup>, 25<sup>th</sup> & 26<sup>th</sup> February); All meals (Welcome Buffet on 23<sup>rd</sup> of February to Breakfast on the 27<sup>th</sup> of February) including the Wine Tasting, Monday afternoon excursions/activities and the Conference Dinner; Scheduled transport between the airport and the venue.**

I hope you can agree with me that in this day and age of international conferences these prices represent remarkable value for money.

Delegates requiring other combinations of accommodation and attendance etc. should, in the first instance contact the local hosts ([c.exley@chem.keele.ac.uk](mailto:c.exley@chem.keele.ac.uk)).



## Method of Payment

All payments must be made in pounds sterling (£) by either;

1. Bank Transfer to: Keele University (C/O AI Meeting)  
Sort Code: 541027; Account Number: 05600456;  
IBAN: GB68 NWBK 5410 2705 6004 56;  
SWIFT:NWBKGB2L

Please state your full name and address on the transfer and **please ensure that any transfer charges are not deducted from the Conference Fee.** Please email the host ([c.exley@chem.keele.ac.uk](mailto:c.exley@chem.keele.ac.uk)) to indicate that payment has been made by this method.

2. Payment can be made by cheque drawn on a UK bank account. Cheques should be made payable to **Keele University** and mailed to Professor C Exley, The Birchall Centre, Lennard-Jones Laboratories, Keele University, Staffordshire, ST5 5BG, UK.

3. Payment can be made by credit card by filling in the Credit Card Payment Form and returning it by emailing it to [c.exley@chem.keele.ac.uk](mailto:c.exley@chem.keele.ac.uk)

A small number of **postgraduate bursaries** may be available for **students making presentations (Platform or Poster)** at the **Conference**. These bursaries will cover the **Conference Fee** for shared room occupancy (**£675**). Please indicate that you would like to be considered for a bursary when you submit your abstract. Please include a note from your MSc/PhD Supervisor confirming your status as a Postgraduate Student.

The number of places available at the **Tenth Keele Meeting** will be restricted to maintain the informal and friendly atmosphere that is characteristic of Keele Meetings. Rooms, single and shared occupancy will be allocated on a first come

(payment of Conference Fee) first served basis. It would be helpful if at your earliest convenience you were able to confirm your intention to participate.

**Please note that confirmation of your place at the meeting can only be made upon receipt of the Conference Fee and the Registration/Accommodation Form .**

**The Conference Fee and the Registration/Accommodation Form must be received by 14<sup>th</sup> December 2012.**

**If participation is cancelled before December 31, 2012 in writing, the registration fee will be refunded with a reduction of 30% to cover administrative costs.**

*(Later bookings will only be possible at the discretion of the local hosts.)*

## VENUE

The Tenth Keele Meeting on Aluminium will take place at The Norton Park Hotel, near Winchester, England.

<http://www.qhotels.co.uk/hotels/norton-park-winchester.aspx>

The hotel website gives comprehensive information regarding how to travel to the hotel. We are planning to offer a pick-up service from London Heathrow Airport to the hotel on Saturday the 23<sup>rd</sup> of February and a similar drop-off service on Wednesday the 27<sup>th</sup> of February. You will be asked to register for this service on the Conference Registration Form.

### **Monday Afternoon Social Activities**

Since delegates have a free afternoon on Monday 25<sup>th</sup> of February we are offering two activities for you to pursue.

A Visit to the Historic English City of Winchester  
(<http://www.visitwinchester.co.uk/>)

An Afternoon of Country Pursuits (Further details to follow)

This includes Falconry (get up close to some English birds of prey!), Archery (to find the real Robin Hood) and Clay Pigeon Shooting.

## CONTACTS

General enquiries should be made to Chris Exley

Abstracts should be sent to Chris Exley

Enquiries concerning The Conference Fee, Accomodation, Travel, The Venue should be made to Chris Exley

Chris Exley

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<http://www.keele.ac.uk/depts/ch/groups/aluminium/index.html>

*Get Ready for England!!*