

THE KEELE MEETINGS ON ALUMINIUM  
1995, 1997, 1999, 2001, 2003, 2005, 2007, 2009, 2011, 2013, 2015...

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

*The Birchall Centre, Keele University, DigestScience  
Foundation and the University of Lille 2  
Presente*

The Eleventh Keele Meeting on Aluminium

**The Natural History of Aluminium  
Past, Present and Future**

Saturday 28<sup>th</sup> February to Wednesday 4<sup>th</sup> March 2015

*Venue: L'hotel, Couvent des Minimes, Lille, France*

<http://www.keele.ac.uk/aluminium/>

<http://www.digestscience.com/fr/>

<http://www.univ-lille2.fr/>

## ORGANISATION

The Eleventh Keele Meeting on Aluminium will be held at **l'hotel Couvent des Minimes in Lille**, northern France, close to the border with Belgium.

The local hosts are the University of Lille 2 ([cecile.vignal@univ-lille2.fr](mailto:cecile.vignal@univ-lille2.fr)) and a research foundation called DigestScience ([secretariat@digestscience.com](mailto:secretariat@digestscience.com)).

## AIMS OF THE MEETING

Keele11 will celebrate 20 years since the first Keele Meeting on Aluminium in 1995! Our meeting has grown to be the most important event in the meetings calendar for the global family of aluminium researchers and yet retains many of the original features of the very first meeting. We are foremost a vehicle for the presentation of new and innovative science and we have pioneered presentation formats which always include significant periods for discussion and allow posters to be advertised as part of oral sessions. In this way we involve as many participants as possible in presentation and discussion of research and we do all that we can to encourage young scientists and postgraduate students especially to attend and participate fully in the meeting. Keele11 will be no different and I am already looking forward to seeing old friends, meeting new ones and hearing and discussing lots of new research on our favourite metal, aluminium!

Submissions of **new unpublished research** are invited in all areas of aluminium (and silicon) research including;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 integral parts of ‘**The Natural History of Aluminium**’. Why not come to the **Eleventh Keele Meeting on Aluminium** in Lille, France 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 128, 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@keele.ac.uk](mailto:c.exley@keele.ac.uk)) attachment using WORD is preferred.

**Deadline for submission of abstracts is**

**October 31<sup>st</sup> 2014.**

**Please be prompt.**

## **JD Birchall Memorial Lecture**

In 2015 the JD Birchall Memorial Lecture will be given by;

### **Professor Leon Kochian**

Director, Robert W Holley Center for Agriculture and Health  
USDA-ARS, Professor of Plant Biology, Cornell University,  
Ithaca, New York, USA

Professor Kochian is Mr Aluminium in the world of plants and  
the title of his talk is;

*Plants Do Some Surprising Things to Deal With  
Toxic Aluminium in the Soil!*

#### **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?*

2013 Professor T Kiss *From Inorganic to the Biological Chemistry of Aluminium*

## **PRELIMINARY TIMETABLE**

### *Saturday 28<sup>th</sup> February 2015*

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

### *Sunday 1<sup>st</sup> March 2015*

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

### *Monday 2<sup>nd</sup> March 2015*

- 09.00 Conference
- 14.00 Lunch

FREE AFTERNOON

20.00 Dinner

Tuesday 3<sup>rd</sup> March 2015

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 2014 and will be posted on the Meeting website with all other relevant information.**

**<http://www.keele.ac.uk/aluminium/>**

## 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 **1200 Euros** (one thousand two hundred Euros), **per person** for single room occupancy or **850 Euros** (eight hundred and fifty Euros) **per person** for shared occupancy.

**Accompanying guests** will be charged the shared occupancy rate of **850 Euros** and will be treated as delegates.

The Conference Fee includes everything!; **Registration; Accomodation (28<sup>th</sup> February, 1<sup>st</sup>, 2<sup>nd</sup> & 3<sup>rd</sup> March); All meals (Welcome Buffet on 28<sup>th</sup> of February to Breakfast on the 4<sup>th</sup> March) including the Beer Tasting, Monday afternoon excursions/activities and the Conference Dinner; Scheduled transport between Lille railway station 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 ([secretariat@digestscience.com](mailto:secretariat@digestscience.com))



## Method of Payment

All payments must be made in Euro by either;

1. Bank Transfer to: DigestScience Foundation  
IBAN: FR76 3007 6042 0810 1790 0020 058;  
SWIFT: NORDFRPP

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 ([secretariat@digestscience.com](mailto:secretariat@digestscience.com)) to indicate that payment has been made by this method.

2. Payment can be made through the online system which can be accessed through the local host's website;

**<http://www.digestscience.com/fr/les-evenements>**

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 (**850 Euros**). 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 **Eleventh 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 12<sup>th</sup> December 2014.**

**If participation is cancelled before December 31, 2014 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 Eleventh Keele Meeting on Aluminium will take place at;  
L'hotel, Couvent des Minimes, Lille, France**

**[HTTP://WWW.ALLIANCE-LILLE.COM/](http://www.alliance-lille.com/)**

The hotel website gives comprehensive information regarding how to travel to the hotel. We are planning to offer a pick-up service from Lille Railway Station to the hotel on Saturday the 28<sup>th</sup> of February and a similar return service on Wednesday the 4<sup>th</sup> of March. You will be asked to register for this service on the Conference Registration Form.

## **Monday Afternoon Social Activities**

On Monday afternoon we have organized a guided tour of the historic quarter of Lille. The Conference Hotel is in this quarter and so this tour will be on foot (á pied) and should be accessible and amenable to all those that are interested.

On Monday evening we will walk to a local restaurant for dinner. A very nice brick building built in the 16<sup>th</sup> century ([www.lebarbuedanvers.fr](http://www.lebarbuedanvers.fr)). There we will have the opportunity to experience food and drink which are typical to Lille and northern France in an 'estaminet Lillois'.

Specific details on these events for Monday will be available at the Conference.

## **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 the local hosts.

### **Cecile Vignal**

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*Get Ready for France!!  
Rendez-vous à Lille!!!*