



*Promoting the Science of
Nanoporous Materials*



27th Annual Meeting of the British Zeolite Association

University of St. Andrews

5th – 7th July 2004

SECOND CIRCULAR

Dear Delegate,

We're looking forward to welcoming you to St. Andrews for next week's conference. I hope you'll agree there's an exciting program of talks (file attached) and we've also got a fine set of posters to go with them.

There are a number of updates :

- (1) Upgrade of Accommodation - to the New Hall residence
- (2) Oral Presentations Program
- (3) Poster details and information: Exhibitors
- (4) Registration desk details
- (5) Info for accompanying partners
- (6) Travel to St. Andrews
- (7) Student bursaries

1. Venue and Accommodation : New Hall

The accommodation for the conference will now be held in New Hall residence. Fully en suite, this represents an upgrade to our original plans. Situated on the North Haugh, New Hall is approximately three quarters of a mile west of the town centre. There is a large car park, and a turning circle in front of the reception entrance for the convenience of guests.



The meeting itself will be held in a modern lecture theatre with adjacent lounge and exhibition facilities in the Physics Building of the University of St. Andrews. Both the lecture theatre and the accommodation are within a few minutes walk of the bustling town centre, which retains its traditional charm.

Extra bed and breakfast is available on Sunday 4th July at £40 per night.

A map of St. Andrews is attached with this circular.

2. The Meeting : Oral Presentations

The meeting will therefore include sessions on synthesis, structure, modelling, catalysis, detergency and other applications of microporous and mesoporous materials, but will embrace all aspects of the science of nanoporous solids. The oral program is attached

The meeting will begin at 3 pm on Monday 5th July and finish at lunchtime on Wednesday 7th July. The conference banquet will be held on the evening of the 6th July in New Hall. As an added bonus, the RSC Solid State Discussion group will hold their meeting in St. Andrews at the same time and a joint event is planned to enable the two related communities to meet (see below).

3. Poster Presentations : Poster Introduction talks : Exhibitors

Posters will be displayed throughout the meeting in the Foyer of the Physics building on the North Haugh. Most poster boards will be 2m high and 1 m wide. A session is planned to give poster presenters the opportunity to introduce themselves and their work with a single overhead transparency.

The official poster session, joint with the Dalton Discussion Group Solid State Meeting, will be accompanied by a wine reception, courtesy of **PAnalytical**. A number of BZA exhibitors will also present here, including **Hiden, Micromeritics** and **PAnalytical**.

4. Registration / Reception Desk

A registration and reception desk will be open on the Sunday evening and until 14:00 on the Monday in the Foyer of New Hall. It will then be moved to the Foyer of the Physics building for the duration of the meeting.

5. Info for accompanying persons

Information and maps will be available for accompanying persons at reception.

6. Travel to St. Andrews

No doubt most of your plans will have been made. We will be able to collect a limited number of people from Edinburgh airport on the Monday at around 12:30 pm. Please let me know (paw2@st-andrews.ac.uk) if you are interested.

7. Student Bursaries

A limited number of student bursaries to cover travel costs may be available to student members of the BZA who are presenting work. Priority will be given to those giving oral presentations. Please contact Dr. Rob Bell at the conference for details.

Enquiries For further details and enquiries, please contact:

Dr Paul Wright
School of Chemistry, St Andrews University
Purdie Building, North Haugh, St Andrews
Fife KY16 9ST, UK Tel +44 1334 463793 email paw2@st-andrews.ac.uk

See the St. Andrews Conference web site for more details, including travel details :
www.escapetotranquillity.com



Scientific Programme for the 27th Annual British Zeolite Association Conference, St. Andrews

Monday 5 July 2004

11.00 -	Registration (New Hall until 14:00, Physics building 14:00 -)	
3.00	Welcome	
3.05 - 3.50	Russell Morris (St. Andrews)	Barrer Award Lecture :
3.50 - 4.15	Stacey Zones (Chevron)	Factors in zeolite synthesis selectivity using large organo-cations in HF-based reactions
4.15 - 4.35	Tea	
4.35 - 4.55	Luis Hortega (Madrid)	Computational study of the template effect of benzylpyrrolidine and its fluorinated derivatives
4.55 - 5.15	Paula Brandao (Aveiro)	A novel microporous copper silicate
5.15 - 5.35	Martin Attfield (UMIST)	Towards the rational design of group 13 hybrid solids
5.35 - 5.55	Mark Colligan (Birmingham)	Synchrotron studies of SiO ₂ zeolites under high P
6.00 - 6.40	Poster announcements	
7.00-8.00	Dinner	
8-10	Poster Session (Sponsored by PANalytical)	

Tuesday 6 July

9.00 - 9.50	Francis Taulelle (Strasbourg/Versailles)	In situ NMR of microporous solids
10.00 - 10.50	Ben Slater (Royal Institution)	Atomistic Simulation of Zeolite Growth
	Coffee	
11.10 - 11.35	Darren Brouwer (Southampton)	Towards Direct Structure Solution of zeolite structures by NMR
11.35 - 12.00	Carolien Mellot-Draznieks (Versailles)	De novo prediction of metal-organic frameworks: new routes towards very open frameworks and giant cells
12.00 - 12.20	Chin Chong (UMIST)	3D computer simulation of zeolite A growth
12.20 - 12.40	Jorge Gonzalez (St. Andrews)	Deuterium NMR studies of hybrid solids
	Lunch	
2.00 - 2.50	Osamu Terasaki (Stockholm)	TEM and SEM for studying mesoporous crystals and nanostructured materials synthesised within their pores
2.50 - 3.15	Mike Anderson (UMIST)	Modelling mesoporous materials
3.15 - 3.40	Karen Edler (Bath)	Studying the growth of mesoporous solids
	Tea	
3.55 - 4.20	Guillaume Maurin	Adsorption of methane and carbon dioxide in faujasite systems : Experiment and simulation
	Philip Llewellyn (Marseilles)	
4.20 - 4.40	David Plant (Royal Institution)	Molecular simulation of the adsorption of methanol on zeolite Na-Y
4.40 - 5.00	Matthieu Fleys (Worcester)	Comparison of the behavior of water in silicalite and dealuminated zeolite Y by Molecular Dynamics

Break

5.10 - 5.55	Andrew Chapple (Unilever)	The Science of Zeolites in Detergent Powders
6.00 - 6.20	Anaad Chimedtsogzol (Salford)	Study of mercury (II) uptake by Mongolian zeolites
6.20 - 6.40	Vijay Jakkula (W'hampton)	Synthetic Phillipsite as a Potential Controlled-release fertiliser
8.00	Banquet (New Hall)	

Wednesday 7 July

9.00 - 9.55	F. Schmidt (Suedchemie)	Zeolites for the Transportation and Energy Sector
10.10 - 10.30	M. Ghandi (Tehran)	Immobilised Cu(II) complexes in layered and mesoporous silicates for alkene epoxidation

Coffee

10.30 - 10.50	Y. Sakamoto (Stockholm)	Structural study of large mesoporous silica and carbon replica using electron crystallography
11.10 - 11.30	Y. Krisnandi (Aberdeen)	Photoreactivity of Microporous Titanosilicates
11.30 - 12.15	E. Coker (Sandia NL)	Zeolite-based fuel cell catalysts
12.15 - 12.40	BZA AGM	

Lunch (provided)