



Second Announcement

5th International Symposium on Negative Ions, Beams and Sources

**12th - 16th September 2016
St. Anne's College, Oxford, UK**

The 5th International Symposium on Negative Ions, Beams and Sources- NIBS2016 will be held in St. Anne's College, Oxford, UK, on the 12th - 16th September, 2016. The symposium is jointly organized by the Science and Technology Facilities Council (STFC) and the Culham Centre for Fusion Energy (CCFE).

When it began in 1977, as The Symposium on Production and Neutralization of Negative Ions and Beams was on accelerator and fusion applications. The current form of the symposium welcomes contributions on any aspect of the use of negative ions in basic or applied research. NIBS2016 will cover all areas of science and technology related to negative ion production and use. The symposium will present results obtained from experimental investigations as well as theoretical modelling. The symposium is also an ideal setting for new researchers to establish contacts and see first-hand the latest developments in the field of negative ion research.

Scope and Topics

The aim of the symposium is to exchange information on science, technology, engineering, and operational experiences in all areas relevant to negative ions by providing a forum for discussion. Contributions from a wide variety of fields, such as: fusion, accelerators, material science or industrial applications are expected. The main topics of the symposium are:

- 1. Fundamental processes and modelling**
- 2. H⁻ and D⁻ sources for fusion, accelerators and other applications**
- 3. Other negative ion sources**
- 4. Beam formation and low energy transport**
- 5. Beam acceleration and neutralization**
- 6. Beam lines and facilities**
- 7. Applications**

Venue

The NIBS 2016 symposium will be held at St Anne's College Oxford for the first three days of the symposium (Monday-Wednesday), the symposium will then move to STFC Rutherford Appleton Laboratory on Thursday and CCFE Culham on Friday. Transport will be provided on Thursday and Friday between Oxford and the laboratories.

NOTE: The coach will make multiple journeys between Culham and St. Anne's on Friday so that people can catch their return travel home. Exact timings will be arranged at the symposium.

Working Language

The working language of NIBS2016 is English.

Web Site <http://nibs2016.org>

Scientific Program and Publication

The symposium will consist of contributed papers in oral and poster sessions to encourage close contact between researchers and to generate the intense discussion. Papers that are accepted after the usual review process will be published in the AIP conference series.

Important Dates

Registration and Abstract Submission Open	18 April 2016
Abstract Submission Deadline	23 May 2016
Notification of Abstract Acceptance	23 June 2016
Early Registration Deadline	04 July 2016
Paper Submission Deadline	11 September 2016
Symposium Start	12 September 2016
Symposium End	16 September 2016
Paper Review Deadline	3 October 2016

NIBS Award

The NIBS Award will be presented for innovative and significant recent achievements in the fields of the physics, theory, technology and/or applications of sources, low energy beam transport, and/or diagnostics of negative ions. The first "NIBS Award", donated by D-PACE Inc., Nelson, BC, Canada, will consist of a certificate and CAD \$5,000 is to be presented at the NIBS 2016 Symposium. See <http://nibs2016.org/award> for more information or email Ron Hemsworth: award@nibs2016.org.

Registration Information

Delegate Fees:

£320 Early

£290 Retired and Student

£350 Late (after 04/07/2016)

Fees include: Hardcopy of proceedings with perpetual open online access, lunches, coffee breaks, reception, excursion, banquet and transport for lab tours.

[REGISTER HERE](#)

Cancellation Policy: For cancellations made by August 26th 2016, the registration fee will be fully refunded minus a £30 cancellation fee. No refunds will be given for cancellations made after August 26th. Please direct cancellation requests to the Symposium Secretariat.

Accommodation

Bed and breakfast in St. Anne's College is available at £75 per night, please book when you register for the symposium. A limited number of twin rooms are available for £130 per night including breakfast for two people.

Other accommodation suggestions are given on the website:

<http://nibs2016.org/accommodation>

Visas

To find out if you need a visa to come to the UK please check here:

<https://www.gov.uk/check-uk-visa>

Abstracts

The abstracts should be typed using 12 pt Times New Roman or Computer Modern font, single-spaced on standard size paper (A4, 297 x 210 mm), leaving a full 2.5 cm margin on all sides. An abstract template in MS Word format can be downloaded from here:

<http://nibs2016.org/sites/nibs2016.org/files/AbstractTemplate.docx>

The abstract should be submitted as an attached file by email to the proceedings editor

editor@nibs2016.org

Revised abstracts may be re-submitted until the submission deadline. Please indicate your desired presentation and your topic at the bottom of the template. You will be notified of the acceptance of your abstract.

For a paper to be presented and published at least one author must be registered and their fees paid.

Reception

On Monday evening Drinks and Canapé will be served with string quartet accompaniment at the Sheldonian Theatre.



https://en.wikipedia.org/wiki/Sheldonian_Theatre

Additional tickets for accompanying persons can be purchased for £35.

Excursion

Lunch will be provided on Wednesday at St. Anne's before the excursion which is a choice of EITHER a coach trip to Blenheim Palace OR punting on the river Cherwell.



https://en.wikipedia.org/wiki/Blenheim_Palace



[https://en.wikipedia.org/wiki/Punt_\(boat\)](https://en.wikipedia.org/wiki/Punt_(boat))

THEN

Both groups come together for a BBQ dinner at the Cherwell Boat House.



<http://www.cherwellboathouse.co.uk/>

Additional tickets for the excursion for accompanying persons can be purchased for £45.

Banquet

The symposium banquet will be held at Trinity College on Thursday evening.



https://en.wikipedia.org/wiki/Trinity_College,_Oxford

Additional tickets for accompanying persons can be purchased for £50.

International Program Committee

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Local Organizing Committee

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Symposium Secretariat

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