



# Rutherford Centennial Conference on Nuclear Physics 2011

8–12 August 2011

The University of Manchester, UK

<http://rutherford.iop.org>



## Rutherford Centennial Conference on Nuclear Physics 2011

The Rutherford Centennial Conference on Nuclear Physics will be held at The University of Manchester on 8–12 August 2011. The event will celebrate the centenary of the publication of Rutherford's paper describing the discovery of the atomic nucleus.

The conference will mark one hundred years of the atomic nucleus by addressing the wide range of current topics characterising modern nuclear physics, including nuclear structure and astrophysics, hadron structure and spectroscopy, weak interactions and relativistic heavy-ion collisions.

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### Venue

Manchester is one of the UK's largest metropolitan areas, having a history intimately connected to textile manufacture during the Industrial Revolution.

It is now the commercial, educational and cultural focus of the North-West of England. The University of Manchester is Britain's largest single-site university with a rich academic heritage and can lay claim to more than 25 Nobel Laureates amongst its staff, students and alumni.

The nuclear age was born in Manchester with Ernest Rutherford's discovery of the atomic nucleus and research leading to the first initiation of a nuclear reaction.

### Key Dates

**Abstract submission deadline:** 25 March 2011

**Notify authors of acceptance:** 20 May 2011

### Subject Areas

- Nuclear Structure
- Astrophysics
- Weak Interactions
- Hadronic Structure and Spectroscopy
- Relativistic Heavy-Ion Collisions

### Proceedings

The proceedings for this conference will be published by the *Journal of Physics: Conference Series*.

**The conference is supported by the  
IOP Nuclear Physics Group**

**Details at <http://rutherford.iop.org>**



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## Confirmed Invited Speakers

Tom Aumann (GSI, Germany)  
Jan Bernauer (MIT, USA)  
Klaus Blaum (Heidelberg, Germany)  
Steve Elliott (Los Alamos, USA)  
Martin Freer (Birmingham, UK)  
Francois Gelis (CEA, France)  
Paul Greenlees (JYFL, Finland)  
Tetsuo Hatsuda (Tokyo, Japan)  
Ralf Kaiser (Glasgow, UK)  
Karl-Heinz Langanke (Darmstadt, Germany)  
Kim Lister (ANL, USA)  
Zheng-Tian Lu (ANL, USA)  
Ulf Meissner (Bonn, Germany)  
Takashi Nakamura (Tokyo Tech, Japan)  
Alahari Navin (GANIL, France)  
Yuri Oganessian (Dubna, Russia)  
Takaharu Otsuka (Tokyo, Japan)  
Mike Pennington (JLAB, USA)  
Klaus Peters (GSI, Germany)  
Eli Piasezky (Tel Aviv, Israel)  
Michael Ramsey-Musolf (Wisconsin, USA)  
Carlos A Salgado (Santiago de Compostela, Spain)  
Hendrick Schatz (MSU, USA)  
Jeorgen Schukraft (CERN, Switzerland)  
Raimond Snellings (NIKEF, Netherlands)  
Jeff Tostevin (Surrey, UK)  
James Truran (Chicago, USA)  
David Wark (Imperial College, UK)  
Bill Zajc (Columbia, USA)

## The UK Organising Committee

Alison Bruce (Brighton)  
Alick Deacon (Manchester)  
Sean Freeman (Manchester)  
Dave Jenkins (York)  
Dave Joss (Liverpool)  
Douglas MacGregor (Glasgow)  
Paddy Regan (Surrey)  
John Simpson (Daresbury)  
Garry Tungate (Birmingham)  
Bob Wadsworth (York)  
Dan Watts (Edinburgh)

## Submission of abstracts

Contributions for oral and poster presentation are requested on all aspects of the conference subject areas. Abstracts of 100 words should be submitted online via the conference website where further instructions are available. The abstract submission deadline is **25 March 2011**.

## Exhibition

An equipment exhibition will be held alongside the conference programme on Tuesday 9 August to allow participants the opportunity to interact with industrial representatives. The exhibition is an integral part of the conference and companies interested in exhibiting should contact Dawn Stewart (see below) for further information.

## Enquiries

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