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**HANDBOOK**

# Dynamic Nuclear Polarisation Symposium

**29 – 31 August 2007**

**University of Nottingham, Nottingham, UK**

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*Organised by the British Radiofrequency Spectroscopy Group: The Magnetic Resonance Group of the Institute of Physics*

*Co-sponsored by the EU BIO-DNP Consortium*

**[www.iop.org/Conferences/](http://www.iop.org/Conferences/)**



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# Contents

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## **On Arrival**

General Information

Registration

Accommodation

Travel

Parking

---

## **On Site**

Event Overview

Onsite Facilities

Messages

Internet Access

---

## **Programme**

Provisional Programme

Instructions for Oral Presenters

Instructions for Posters

---

## **General**

Visas

Organising Committee

General, programme and Registration Enquiries

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## On Arrival

### General Information

The Dynamic Nuclear Polarisation Symposium (DNP 2007) will be held at the University of Nottingham, Nottingham, UK from Wednesday 29 August to Friday 31 August 2007.

### Registration

Registration will be available in The Exchange Building.

The Registration Desk will be manned at the following times for registration and conference information:

Wednesday 29 August	09:00 – 17:00
Thursday 30 August	08:30 – 17:30
Friday 31 August	08:30 – 11.30

### Accommodation

**Southwell Hall**, Jubilee Campus, University of Nottingham  
Single en-suite accommodation has been reserved for participants in Southwell Hall residential courts. Each room will be equipped with tea/coffee making facilities, linen and bathroom toiletries. Internet access is available within rooms however guests are required to bring their own Ethernet cable for access.

Southwell Hall Reception is open from 08:00 to 18:00 each day with a 24 hour Porter in service. Check-in is after 15:00 on the day of arrival and check-out by 10:00 on the day of departure. After check out guests are able to leave their luggage in a secure room onsite until departing the conference.

Please note no evening meal is provided for residential participants on Tuesday 28 August. For restaurant options please visit the Nottingham Tourist Centre website at [www.visitnottingham.com](http://www.visitnottingham.com).

### Travel

Nottingham is located within the county of Nottinghamshire in the centre of England and is known for its lively markets, historic buildings and Sherwood Forrest.

### Travelling to Nottingham

#### Car

Leave the M1 motorway at Junction 25 to join the A52 to Nottingham. After five miles turn left onto the A6514, Middleton Boulevard. Turn right at the next roundabout onto the A609 Wollaton Road. The main entrance to Jubilee Campus is clearly signposted on the right.

### Special note: Major Road Works

Please note that between April 07 and August 07 there are major road works taking place on the A52 to the West of Nottingham. For those travelling from the M1 to the University, the slip road from junction 25 on to the city-bound A52 will be closed. The sign posted diversion will take traffic along the westbound A52 to the Asda roundabout at Spondon, where traffic will then be able to turn around and join the eastbound A52 towards Nottingham. In parts the A52 will be down to a single carriageway.

Inevitably these works will cause some disruption and as such we would advise that if you are coming via the M1 you should avoid junction 25 and use alternative routes, particularly the A610 (Junction 26) if travelling from the North and the A453 (Junction 24) if travelling from the South.

### Taxi

There are taxi ranks throughout the City Centre and immediately adjacent to the main railway and bus stations. The journey to the campus takes approximately 15 minutes.

### Train

Nottingham is approximately a two hour journey from London's St Pancras and London's King's Cross stations. For further information please visit [www.nationalrail.co.uk](http://www.nationalrail.co.uk).

### Bus

- Nottingham City Transport, service 193 ( Bilborough - Beechdale - Ilkeston Road - City )
- Nottingham City Transport, service 29 ( Nottingham Business Park - Wollaton - Ilkeston Rd - City )
- Nottingham City Transport, service 30 ( Beeston - Bramcote Moor - Wollaton - Ilkeston Road - City )

### Air

East Midlands Airport is located approximately 10 miles from the University of Nottingham. For further airport information please visit [www.eastmidlandsairport.com](http://www.eastmidlandsairport.com).

From East Midlands Airport you can take Trent and Barton Rainbow 5, or the Nottingham City Transport's Skylink service. Buses leave from outside the Airport Arrivals hall.

A taxi rank is located on the terminal forecourt.

### Parking

Parking is available on the Jubilee Campus between Southwell Hall and Newark Hall. Permits are not required for this area and parking is at owner's risk.

A Jubilee Campus map is available from the DNP webpage via the 'Forthcoming Institute Conferences' link from the Institute of Physics website at [www.iop.org/Conferences](http://www.iop.org/Conferences).

## On-site

### Event Overview

Event	Location
<b>Wednesday 29 August 2007</b>	
Registration	The Exchange Building Foyer
Oral Programme	Lecture Theatre 2, The Exchange Building
Refreshments	The Exchange Building Foyer
Lunch	The Atrium
Evening Meal*	The Atrium
<b>Thursday 30 August 2007</b>	
Registration	The Exchange Building Foyer
Oral Programme	Lecture Theatre 2, The Exchange Building
Refreshments	The Exchange Building Foyer
Lunch	The Atrium
Conference Dinner**	The Atrium
<b>Friday 31 August 2007</b>	
Registration	The Exchange Building Foyer
Oral Programme	Lecture Theatre 2, The Exchange Building
Refreshments	The Exchange Building Foyer
Lunch	The Atrium
EU DNP Consortium Meeting	A24 Business School South
Tour of DNP Laboratory	Main Campus Sir Peter Mansfield Magnetic Resonance Centre
Evening Meal*	The Atrium

\* Wednesday and Friday Evening Meal is not included in the conference fee and must be pre-booked. To reserve a place please email [registrations@iop.org](mailto:registrations@iop.org)

\*\* The Conference Dinner is not included in the conference fee and must be pre-booked. To reserve a place please email [registrations@iop.org](mailto:registrations@iop.org).

### Onsite Facilities

Located in The Exchange Building and adjacent campus areas are retail outlets accessible by delegates during the conference. These include NATWEST Bank, Blackwell's Bookshop and the UNU Shop (self-service continental café).

### Messages

Messages for participants will be posted on the message board in the Registration area. Messages can be left for delegates by emailing [jodie.cartwright@iop.org](mailto:jodie.cartwright@iop.org).

### Internet Access

Wireless internet access is not available within the Jubilee Campus. In the accommodation at Southwell Hall all rooms are fitted with Ethernet points and can be accessed with delegate's own ethernet cable. If required, ether cables can be borrowed from the Porter's Lodge. The username and password for access within Southwell Hall is 'DNP 07'.

## Programme

Please find below a provisional programme for DNP 07. Full programme details will be available to all delegates onsite at the conference.

Wednesday 29 August 2007	
9:00 – 11:00	Registration and welcome refreshments
11:00 – 11:00	Opening address
<b>Educational Session (Chair: Malcolm Levitt)</b>	
11:10 – 12:10	<b>Solid Effect</b> Tom Wenckebach (Switzerland)
12:15 – 13:15	<b>Thermal Mixing</b> Shimon Vega (Israel)
13:15 – 14:30	Lunch
<b>Hardware Session 1 (Chair: Graham Smith)</b>	
14:30 – 15:00	Thomas Prisner (Germany)
15:00 – 15:30	Christian Griesinger (Germany)
15:30 – 16:00	Martin Townsend (UK)
16:00 – 16:30	Afternoon refreshments
<b>Hardware Session 2 (Chair: Thomas Prisner)</b>	
16:30 – 17:00	Graham Smith (UK)
17:00 – 17:30	Josef Granwehr (UK)
17:30 – 18:00	Hans-Martin Vieth (Germany)
18:00 – 18:15	Alexander Barnes (USA)
18:15 – 20:00	Evening meal
20:00 onwards	Evening drinks and discussions

Friday 31 August 2007	
8:00 – 9:00	Breakfast for residential delegates
<b>In vivo Application 1 (Chair: Kevin Brindle)</b>	
9:00 – 9:30	Arnaud Comment (Switzerland)
9:30 – 10:00	Rolf Gruetter (Switzerland)
10:00 – 10:30	Jan Henrik Ardenkjaer-Larson (UK)
10:30 – 11:00	Sarah Nelson (USA)
11:00 – 11:30	Morning refreshments
<b>In vivo Application 2 (Chair: Klaes Golman)</b>	
11:30 – 12:00	Mathilde Lerche (Sweden)
12:00 – 12:30	Damien Tyler (UK)
12:30 – 13:00	Matthew Meritt (USA)
13:00 – 13:30	Kevin Brindle (UK)
13:30 – 14:45	Lunch
15:00 – 18:00	Visit of Nottingham DNP Laboratory
<b>Internal EU DNP Consortium meeting</b>	
18:00 – 20:00	Evening meal

Thursday 30 August 2007	
8:00 – 9:00	Breakfast for residential delegates
<b>Strategies 1 (Chair: tba)</b>	
9:00 – 9:30	Chandrasekhar Ramanathan (USA)
9:30 – 10:00	Song-I Han (USA)
10:00 – 10:15	Gurneet Kaur (Germany)
10:15 – 10:30	Jörg Heckmann (Germany)
10:30 – 11:00	Morning refreshments
<b>Strategies 2 (Chair: tba)</b>	
11:00 – 11:30	Steffen Glaser (Germany)
11:30 – 12:00	Ben van den Brandt (Switzerland)
12:00 – 12:30	Ulrich Günther (UK)
12:30 – 13:00	Lucio Frydman (Israel)
<b>Strategies 3 (Chair: tba)</b>	
14:30 – 15:00	Gavin Morley (UK)
15:00 – 15:30	Patrick Hautle (Switzerland)
15:30 – 16:00	Mitsuru Toda (Japan)
16:00 – 17:30	Afternoon refreshments and Poster Session
<b>Hardware Session 3 (Chair: Mark Smith)</b>	
17:30 – 18:00	Richard Temkin (USA)
18:00 – 18:30	Toshitaka Idehara (Japan)
18:30 – 20:30	Conference Dinner
20:30 onwards	Evening drinks and discussions

## Instructions for Oral Presenters

The Lecture Theatre 2 will be equipped with a laptop with Windows XP, data projector, screen and flip charts.

To maintain the flow of the session we recommend presenters prepare their presentation using MS PowerPoint and provide a copy via USB or CD. Presenters can also use their own laptops for the presentation. Prior to your presentation session please converse with the Session Chair to ensure your presentation is loaded and functional. Speakers are recommended to visit the theatre before their session to check presentations and audio-visual material. A preparation room is provided for speakers and will be located in C2 (The Exchange Building). Speakers are reminded that it is important to have a backup copy of their presentation.

## Instructions for Posters

Each poster should be maximum 90 cm wide x 90 cm long. Velcro fixing materials and designated poster boards will be onsite. Please ensure the lettering of each poster is legible from a distance of up to two metres. An author from each poster should be in attendance on Thursday between 16:00 and 17:30.

## General

### Visas

Visitors from some countries require a visa to enter the United Kingdom. Please check with your travel agent. Participants who do require a visa should allow plenty of time for their application to be processed. The Institute of Physics can issue letters to those participants with an accepted presentation at the conference and when payment has been received in full for their registration..

## Organising Committee

### Conference Co-Chairmen

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### General, Programme and Registration Enquiries

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