

IOP HEG Meeting: **New Approaches to Old Physics**  
Final Programme

- 10:15 Registration and Coffee  
10:45 Welcome and Introduction (Tom Hase)
- 11:00 Dr. Gavin Bell (University of Warwick)  
Geophysics – Exploring ‘Core’ Material
- 11:30 Dr. Eric Yao (University of Glasgow)  
Projects – making physics more relevant
- 12:00 Prof. Peter Hatton (University of Durham)  
Postgraduate seminars – Getting to grips with Group theory
- 12:30 *Discussion*
- 12:45 Lunch
- 13:30 Dr. James Collett, (University of Hertfordshire)  
Teaching Classical Dynamics: Exploring Space Dynamics through  
Computation and Group Projects
- 14:00 David Sands (University of Hull)  
Using computer-based 3-D visual modelling to teach mechanics.
- 14:30 Prof. Terry Robinson (University of Leicester)  
Making quantum mechanics more relevant to physics (students)
- 15:00 Dr. Peter Sneddon (University of Glasgow)  
Supporting core physics with online questions
- 15:30 *Discussion*
- 15:45 Tea
- 16:00 End of Meeting

To be followed by a committee Meeting of the IPO HEG, Room 523

Registration for the meeting is via the Physical Sciences HEA website at  
[http://www.heacademy.ac.uk/physsci/events/detail/2009/new\\_approaches\\_to\\_old\\_physics](http://www.heacademy.ac.uk/physsci/events/detail/2009/new_approaches_to_old_physics)  
There is no attendance charge for those working in UK HE.

Some specific details:

The meeting will be held on the fifth floor in **Room 520 in the Physics Department at Warwick University**.

Campus maps (<http://www2.warwick.ac.uk/about/visiting/maps/campusmap/>) and directions can be found online: <http://www2.warwick.ac.uk/about/visiting>.

A note for those travelling **by train**: Warwick Station is in Warwick Town - approximately 8.4 miles from the University campus. The University of Warwick is not in Warwick Town. If you are travelling by rail, you are strongly advised to travel to [Coventry Station](#) (not Warwick Station) which is closer to the University and has better public transport links. From Coventry Station, there are frequent local [bus services](#) to the University (£2). Visitors should follow the signs from the station to Warwick Road (a 2 minute walk) and from there catch the Travel Coventry services 12/12A or U1 which travel onto the main campus. The Stagecoach service U1 travels along Warwick Road and onto the Central Campus. Taxis are also available from outside of the station (about £10, 15 mins).

If you are travelling **by air** the nearest airport is Birmingham. From the airport you can take a taxi (about £30 for the half-hour ride), or take the train to Coventry (trains depart from Birmingham International to Coventry on average every 10 minutes. The journey takes between 10-15 minutes depending on which service is used) and follow the instructions as above.