# The *MagTEM* Opening Celebration

## 2nd July 2012

## Kelvin Building, The University of Glasgow, Glasgow, G12 8QQ

MagTEM is a world-leading electron microscope that allows atoms to be imaged directly whilst simultaneously probing their chemical, magnetic and electronic properties with unprecedented detail. Its development heralds a new generation of materials research in Scotland, funded via SUPA by the Scottish Funding Council and The University of Glasgow.

We invite you to join us to celebrate the exciting scientific and industrial opportunities enabled by MagTEM and to acknowledge the breakthrough in instrumentation achieved by local researchers in collaboration with manufacturers JEOL, Gatan, Bruker, CEOS & Deben.

**Inauguration Ceremony**

1000 Tours of the facility for University of Glasgow staff
1030 Arrival, coffee & posters
1110 *Opening remarks*, Dr. Iwatsuki, Senior Managing Director, JEOL Ltd.
1115 *Lorentz microscopy at Glasgow and the history of the MagTEM project*
Prof. John Chapman, Vice-Principal and Head of the College of Science & Engineering
1125 *New views of the nanoworld*, Prof. Christian Colliex (Orsay, Paris)
1155 *The role of electron microscopy in materials science*, Prof. Sir Colin Humphreys FRS (Cambridge)
1225 *Launch of MagTEM*, Prof. Alan Craven (Glasgow)
1245 *Welcome by the Principal*, Prof. Anton Muscatelli
*Formal opening ceremony*, Dr. Alasdair Allan, MSP, Minister for Learning, Science and Scotland's Languages
1300 Light buffet lunch, posters & tours of the MagTEM facility

**Afternoon Session: Condensed Matter and Materials Physics**

1430 *The JEOL perspective*, Mr. Kaneyama, JEOL Ltd.
1445 *Combining microscopy techniques for added value: a SUPA perspective*, Prof. Rob Martin (Uni. of Strathclyde)
1500 *The SuperSTEM perspective*, Prof. Rik Brydson (University of Leeds)
1515 *Nanometrology in magnetic recording*, Judith McLernon, Seagate Technology
1530 Tea/Coffee
1600 *Recent advances in EELS instrumentation & analysis*, Dr. Paolo Longo, Gatan Inc.
1615 *Advanced Materials Characterisation Methods: Magnetic Resonance to Positron Annihilation* , Dr David Keeble (University of Dundee)
*1630* *Sensors & Applications*, Frank Turnbull, Honeywell
1645 *Condensed Matter at St. Andrews*, Dr. Chris Hooley (University of St Andrews)
1700 Close

**Maps & Directions**

http://www.gla.ac.uk/schools/physics/contacts/map/


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