

Materials Preparation for Microstructural Analysis

International Manufacturing Centre, Warwick University | Running quarterly | £745 per person

- * *Mechanical preparation course, for both beginners and more experienced personnel*
- * *Up to date theory and practice of mechanical preparation*
- * *Preparation of a range of sample materials and own samples**
- * *Etching and microscopy techniques for microstructural analysis*

This three day course is constructed to address all aspects of specimen preparation for microstructural analysis, as well as optical microscopy and hardness testing. The idea is to develop a technical understanding of what happens when specimens are sectioned, encapsulated, ground, polished, etched and then observed optically. Extensive practical sessions on specimen preparation and demonstration of analysis techniques, for various materials.

Areas covered include:

- * *Sample Selection and Sectioning (Theory and Practical)*
- * *Specimen Encapsulation (Theory and Practical)*
- * *Grinding and Polishing (Theory and Practical)*
- * *Etching Techniques (Theory)*
- * *Optical Microscopy*
- * *Imaging and Image Analysis (Theory)*
- * *Principles of Hardness Testing (Theory)*

* Please note that specimens must be sent to Buehler to arrive at least 2 weeks prior to the start of the course for inclusion. Please send clearly labeled with name, company, material type and condition FAO Dr Mike Keeble.

Please use this form to book a place at this event. We will send further information, including details of the venue and agenda, 6 – 8 weeks prior to the event. If more details are required on any Buehler course, please **contact sales@buehler.co.uk** or browse to **www.buehler-met.de/en/news-events/seminars.html**

Booking Form

Places	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> More	Company	<input type="text"/>
Course Dates	<input type="checkbox"/> 20–22 Mar 2012	<input type="checkbox"/> 3–5 Jul 2012	<input type="checkbox"/> 25–27 Sep 2012	<input type="checkbox"/> 11–13 Dec 2012		Department	<input type="text"/>
Total cost	<input type="text"/>					Address	<input type="text"/>
PO number	<input type="text"/>					Post code	<input type="text"/>
Name	<input type="text"/>					Telephone	<input type="text"/>
Position	<input type="text"/>					Email	<input type="text"/>

Please complete and return by email, fax or post. EMAIL: sales@buehler.co.uk

FAX: **0800 707 6274** POST: Buehler, 101 Lockhurst Lane, Coventry CV6 5SF

Please note: If you do not have Acrobat Professional use Print in the File menu to create a new PDF of your completed form.

