UNIVERSITY OF OREGON

Center for Advanced Materials Characterization in Oregon

Presents

Advanced Instrumental Techniques and Software Algorithms in EPMA Workshop

With

Paul Carpenter (Washington University)
John Fournelle (University of Wisconsin)
Dale Newbury (National Institute of Standards & Technology)
Mike Jercinovic (University of Massachusetts)

This 3 day workshop will be focused on advanced instrumental methods and software algorithms in Electron Probe Micro Analysis (EPMA). Topics will include instrument calibration issues, pathological matrices, mass absorption coefficients, matrix corrections, volatile elements, beam sensitive samples, trace element sensitivity , accuracy (spectral overlaps/blank corrections), light element quant (boron), background modeling, peak shifts, secondary fluorescence (examples from penepma/penelope)

Information:

NAME (Please Print):_____

ADDRESS:_____

CITY:_____ STATE:_____

COUNTRY:_____ ZIP:_____

PHONE: ( )_____ FAX: ( )_____

E-MAIL ADDRESS:_____

Attendance: ($150 Registration due September 1, 2007, Checks payable to University of Oregon)

- ☐ September 11, 2007 (Tuesday)
- ☐ September 12, 2007 (Wednesday)
- ☐ September 13, 2007 (Thursday)

Mail :

John Donovan
Advanced EPMA Techniques Workshop
Department of Chemistry
1253 University of Oregon
Eugene, OR 97403-1272

FAX: **(541) 346-4692**

More Information:

John Donovan donovan@uoregon.edu
(541) 346-4632 (office) (541) 346-4655 (lab)