



> Meeting Awards



The International Field Emission Society (IFES) is pleased to introduce awards for outstanding papers contributed to the Microscopy & Microanalysis (M&M) meeting, officially sponsored by the Society, competitively judged based upon the quality of the submitted paper.

These awards are provided to students or postdoctoral researchers in the first two years of their career to help defray travel, lodging and other costs of attending the meeting. All awardees must fit the award criteria, as described here, at the time of the M&M meeting.

Three sessions are organised:

A11 Instrumentation of Atom Probe: 50 Years and Counting

Ross Marceau, Prakash Kolli, Thomas Kelly

- State-of-the-art instrumentation development
- Correlative technique and instrumentation development
- Technique development with respect to specimen preparation
- Historical accounts of the people and technology of atom probe

A12 Reconstruction, Simulations, and Data Analysis in Atom Probe Tomography

Baptiste Gault, Arun Deveraj, David J. Larson

- New or alternative methods for atom probe data reconstruction
- Methods to correlate atom probe data with other microscopy or analysis techniques
- Investigation of artifacts and methods to correct atom probe data
- Data analysis, data mining techniques to extract information from APT datasets
- Numerical simulation and modeling of field evaporation

A13 Applications of Atom Probe Tomography

Michael Moody, Mattias Thuvander, Didier Blavette

- APT characterization in the research and development of alloys and semiconductors
- Development of new applications of APT, in particular geological, biological and large-gap semiconductor materials
- APT for atomic-scale analysis of microstructural evolution of materials in extreme environments
- APT applied with complementary characterization techniques enabling novel materials research

GENERAL CONSIDERATIONS:

Applicants who have previously received an IFES Meeting Award will not be considered for a second award.

STUDENTS:

All full-time students enrolled at accredited academic institutions are eligible. Applicants are not required to be members of the sponsoring society.

POSTDOCTORAL RESEARCHERS:

All full-time postdoctoral researchers in the first two years after obtaining a doctoral degree are eligible. Applicants are not required to be members of the sponsoring society.

APPLICATION PROCEDURE

Upon submission of the abstract to the M&M 2017 conference applicants are invited to send to the main session chair a single pdf file containing their abstract, a CV, and a letter of support from an IFES member emphasising how the work advances the field.

For A11: r.marceau@deakin.edu.au

For A12: b.gault@mpie.de

For A13: michael.moody@materials.ox.ac.uk

AMOUNT OF AWARD:

IFES Meeting Awards consist of US\$1,000 for travel- and registration-related expenses. Original receipts must be provided to receive travel reimbursement.

NOTIFICATION OF AWARD:

All award applicants will be notified of their award status approximately eight weeks following the Call for Papers deadline.

REQUIREMENTS OF AWARD:

All award winners must present their paper in person at the M&M meeting in order to receive their award. Awardees are expected to attend and participate in the entire meeting. Awardees are required to attend the Monday morning plenary session, at which their award will be conferred.



Visit <http://fieldemission.org> for membership information on the International Field Emission Society.