

## FOREWORD

It is our pleasure to welcome you to the Microscopy and Microanalysis 2002 Meeting on behalf of the Microscopy Society of America, the Microbeam Analysis Society, the Microscopy Society of Canada, and the International Metallurgical Society.

This year marks several milestones for MSA and the Proceedings. Bill Bailey, the MSA Proceedings Editor, will be stepping down after 35 of service. Our sincere congratulations to Bill and his successor, Stuart McKernan. The Proceedings this year has a new look with printed invited papers and a fully searchable CD-ROM of all papers created from electronic submission. Many thanks to Edgar Voelkl and others who worked so hard to bring this major change about. We also would like to welcome Ed Barnas and our new journal publisher, Cambridge University Press, who have facilitated our transition into electronic abstract submission.

This year the Program Chair, Edgar Voelkl, and Co-Chairs David Piston (MSA), Raynald Gauvin (MAS/MSA), and Alan Lockley (IMS) have compiled an outstanding technical program. Highlights include symposia held on 3-D electron microscopy and cryo-electron microscopy of macromolecules, the quantitative aspects of X-ray microscopy, confocal microscopy, biomaterials, biological and materials specimen preparation. Special sessions will be held on holography, phase imaging, on deep tissue imaging, on (S)TEM instrumentation, developments in focused-ion beam instruments and imaging, metallographic specimen preparation from start to finish, and on the changing role of atom probe microscopes in the nanotechnology era. A special analytical EM session honoring the work of Elmar Zeitler is scheduled this year.

A special pre-meeting workshop “*Future of Materials Characterization of Charging Materials using Microbeam Analysis*” organized by Dr. Raynald Gauvin will be held at McGill University in Montreal on August 2–3. During the course of the meeting a series of special symposia, tutorials and presentations sponsored by the Technologists’ Forum, MSA Education Committee, and also various exhibitors will be held during the meeting. Ceremonies for presentation of MSA awards will occur at the Presidential Happenings. Award winners honored at the meeting include Marc Adrian and Ryuichi Shimizu selected for MSA Distinguished Scientist Awards in Biological and Physical Sciences, respectively. Nigel Browning is the Burton Medallist, while the MSA Outstanding Technologist Award has been given to José Mascorro. The MAS Presidential Science Award goes to Klaus Keil. The K. F. J. Heinrich Award will be presented to David Wollman, and the recipient of the MAS Presidential Service Award is John F. Mansfield. Congratulations are also due to our other award winners: MSA Professional Technical Staff awardees, MSA Presidential Scholars, and MAS Distinguished Scholars.

Our Local Arrangements Committee, headed by Pierre Charest, has scheduled the scientific sessions and the commercial exhibits in the Convention Center in Quebec City. In addition to this excellent venue, a number of attractive social events were scheduled. These included the opening Sunday reception at the Quebec Museum of Civilization, Whale Watching, a dinner at the Chapel of the Amérique Française Museum, a dinner at the Manoir Montmorency, and the Grand Finale of the Quebec City International Fireworks Festival on the St. Lawrence River. Quebec City, renown for its heritage, culture, enchanting cafes and fine food, spectacular scenery in the old town, has provided a wonderful venue for this year’s meeting. Working closely with the Local Arrangements and Program Committee, the meeting and exhibits have been ably managed by The Rebedeau Group directed by Mary Beth Rebedeau.

We would like to extend our warm thanks for “*joie de vivre*”—the warm hospitality of the people of Quebec. We also want to thank all the organizers and participants who contributed to making Microscopy and Microanalysis-2002 the renown meeting for microscopy in the world. Now we look forward to San Antonio, Texas, the exciting site of Microscopy and Microanalysis 2003.

**Stanley L. Erlandsen**, President, Microscopy Society of America  
**Greg Meeker**, President, Microbeam Analysis Society  
**Raynald Gauvin**, President, Microscopy Society of Canada  
**Richard Ryan**, President, International Metallurgical Society