

Report on
16TH ANNUAL NATIONAL EDUCATORS' WORKSHOP (NEW:Update 2001)
Jim Jacobs

Due to the September 11, 2001 terrorist attack on this nation, the National Institute of Standards and Technology (NIST), security directed NIST to cancel all conferences designated to be hosted at their headquarters in Gaithersburg, Maryland. As a part of their Centennial celebration, NIST invited the 16th annual National Educators' Workshop (NEW:Update) 2001 to be conducted on their site October 14- 17, 2001. Approximately two weeks prior to the NEW:Update 2001 workshop, we received notice of the need to cancel or move the workshop. At NIST as with the past 15 years of NEW:Updates, as host they would have provided rooms, computers, projectors and other audio visual aids as well as transportation without charge. Very modest registration fees paid for meals and other refreshments.

Dr. Said Jahanmir of NIST and co director of NEW:Update 2001 and Professor Isabel Lloyd of University of Maryland and workshop Organizing Committee members, helped co director Jim Jacobs move NEW:Update 2001 to the University of Maryland University College Conference Center which is managed by Marriott Corp. As a result of the move to a facility that charged for space and equipment, NEW:Update 2001 cost over \$20,000 more than we normally spend for the workshops. Considerable equipment costs were saved due to the cooperation of local participants bringing in computers, projectors, etc. Through considerable efforts by and Professor Lloyd, Said Jahanmir and others on the Organizing Committee, from NIST and U Maryland, NEW:Update 2001 was successful with plenary sessions providing technical updates, 36 experiments demonstrated and seven mini workshops conducted by NIST, U Maryland and Tufts U. Please see <http://MST-Online.nsu.edu/new> for the agenda.

Federation of Materials Society President Lyle Schwartz, presented their first Distinguished Educator Award to Robert Pond, Sr, Professor Emeritus, Johns Hopkins U. FMS plans on making the award an annual event.

Each participant received a notebook of plenary sessions text and visuals, standard formatted, peer reviewed write-up for experiments and other use full aids including a demo version of the CD ROM, *Experiments in Materials Science Engineering and Technology*. EMSET2 has over 400 experiments and papers for materials education from previous NEW:Updates as well as many a large photo/audio gallery, urls for materials education and a short course, "Microscopy of Fiber Reinforced Polymer Composites". *EMSET2*, ISBN 0-13-030534-0 may be ordered at <http://www.prenhall.com> or call 1-800-922-0579.

As in all previous NEW:Updates the International Council for Materials Education provided the peer review of experiments submitted for NEW:Updates. Robert Berrettini coordinated the peer reviews. Dr. Berrettini commented on peer reviews and encouraged presenters to submit their papers to the *Journal for Materials Education* for publication. Several presenters expressed interest.

Recommendation

We will provide the e mail address of presenters to editors of JME if desired. I recommend that you use those address to invite NEW:Update 2001 presenters to submit their experiments to JME for publication consideration. If you wish the list please request it from Diana LaClaire dplaclaire@nsu.edu.

NEW:Update 2002

The 17th annual NEW:Update 2002 will be held in San Jose and be hosted by San Jose State University, Semiconductor Equipment and Materials International (SEMI), UltraStepper, IBM Almaden, Segate and NASA Ames, October 13-16, 2002. For the latest information visit our website <http://MST-Online.nsu.edu/new>. We're expecting an exceptional workshop based on the early and enthusiastic planning that began this past spring; more year and one half before NEW:Update 2002.

Financial Assistance Needed

Due the need to rent space, contract for equipment, buses and other support NEW:Update 2001 put us in financial stress. When Boeing Airplane hosted NEW:Update 97 the cover most of the cost thus allowing us to create a reserve. Unfortunately, most of that reserve was depleted. We need some small grants (\$3 to10K) to help us meet expenses for NEW:Update 2002. Please connect us with those in industry or government who wish to help strengthen materials education.

MST-Online

Numerous useful resources for students and faculty may be accessed on our materials and technology website; <http://MST-Online.nsu.edu>. We'd like your comments on the sight. Please make your input in our guest book on the opening page.