

MESA Committee Meeting Minutes held in Rio Hotel, Las Vegas 5:30-6:50 p.m., September 6, 2007

Present:

More than thirty people attended the meeting
(refer to MESA web site <http://iel.ucdavis.edu/mesa/> for the name list)

1. Introduction of Attendees

YangQuan Chen welcomed all attendees to the MESA Committee Meeting. Attendees introduced themselves. Harry Cheng mentioned that the MESA Committee is composed of persons who are interested in mechatronic and embedded systems and applications. People actively participate at the conference and at the committee meeting become members of the committee. A signed up sheet was circulated.

2. MESA Conference History

Harry Cheng briefly introduced the history of MESA conferences. MESA Conferences explore the unique collaboration model of ASME and IEEE. The MESA conferences are organized alternately by ASME and IEEE every other year. The first ASME/IEEE MESA05, part of ASME DETC/CIE, was held in Long Beach in 2005. The second conference MESA06 was organized by the IEEE and held in Beijing, China in 2006, and the 3rd one MESA07 is organized by the ASME in Las Vegas in 2007. MESA08 will be organized by the IEEE on October 12-15, 2008 in Beijing, China. MESA08 will be held together with two other IEEE conferences, the 11th IEEE International Conference on Intelligent Transportation Systems and 2008 IEEE International Conferences on Service Operations and Logistics, and Informatics. MESA08 will take place after the Olympics Game in fall, the most beautiful season in Beijing. MESA09 will be back to the IDETC/CIE again in August, 2009 in San Diego, California.

MESA conference was the first and so far the only international conference that aims to bring design and applications of both mechatronic and embedded systems together. It provides a unique forum for researchers and engineers from different disciplines to share the research results, exchange ideas, and discuss future research directions of mechatronic and embedded systems and applications.

To broaden the impact of MESA conferences, the MESA committee makes every effort to publish best papers presented in MESA conferences in ASME and IEEE transaction journals. Best papers selected from MESA06 will be published in a special issue with a focused section on Intelligent Mechatronic and Embedded Systems in *IEEE/ASME Transactions on Mechatronics*.

3. ASME and IEEE Affiliations

Harry Cheng summarized MESA's affiliation with ASME and IEEE. For ASME, Design Engineering Division, Computers and Information in Engineering Division are being looked into. As for IEEE affiliation, MESA is affiliated with the IEEE Intelligent Transportation Systems Society. The sponsorship of the MESA conferences from the ASME Dynamic Systems and Control Division, IEEE Control Systems Society, IEEE Computer Society, and IEEE Systems, Man, and Cybernetics Society shall be explored in the future. Organized as an independent conference by the IEEE, it allows MESA conferences to be held outside the USA more conveniently. This will give MESA more visibility and attract more participants when it is held within the ASME IDETC/CIE.

4. MESA07

YangQuan Chen summarized the MESA07 conference. The conference had been a success thanks to the effort from the organizing committee, symposium chairs, review coordinators, reviewers and authors. There were about 90 submissions of abstracts. However, many of them could not submit their full papers because of missing the very rigid deadline. In the end, only 41 papers were

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accepted. Next time, we should reminder authors of the very strict deadline imposed by the ASME before the deadline.

5 Members of Advisory Committee and Executive Committee

YangQuan Chen presented the list of Members of Advisory Committee and Executive Committee. Harry Cheng pointed out that members of the Executive Committee have been actively participated in organizing the MESA conferences. Most of the Advisory Committee members have served as advisors for both MESA06 and MEAS07 conferences.

6. Remarks on Service

Zuomin Dong made remarks on the services. MESA is organized by volunteers. The success of the MESA technical committee and conferences is contingent upon your participation and effort. Harry Cheng mentioned that MESA's professional service has to adhere to ASME bylaws and rules. The bylaws specific to MESA Committee will be created.

Harry Cheng mentioned that for the future conferences, new symposia will be created to keep up with new research trends. Symposium chair is expected to solicit papers, organize reviews and chair a session at the conference. It is hoped that more research work on embedded systems and industrial applications are presented at the MESA conferences in the future. Many members indicated their interests in organizing new symposia. A signed up sheet was circulated. The list of new symposia proposed by the members of the Committee is available at the MESA web site.

7. Open Discussions

The open discussion covered a number of issues. Harry Cheng mentioned that many tasks still remain to be done for the committee such as creating bylaws, mailing list, MESA web site, newsletter, and finalizing affiliation with ASME and IEEE.

Many people expressed their strong interest in participating at the MESA activities. Primo Zingaretti suggested that MESA conferences should be better coordinated with other IEEE conferences to avoid schedule conflict. The future MESA conference shall also be held in Europe. Jian Dai was impressed with the progress of MESA has made so far and MESA is making a good effort to establish its identity. He suggested that the MESA Committee should take other technical committees' bylaws as a reference, and adapt them to MESA. Lei Zuo suggested that the relationship with AMSE and IEEE should be strengthened so that special journal issues can publish high quality MESA papers. Martin Hosek expressed an interest in recruiting more people from the industry to participate at the MESA conferences.

Many people voiced their support for the MESA Committee and activities. Due to the time constraint for the MESA Conference dinner at 7:30pm in other hotel, the general MESA committee meeting adjourned at 6:35 p.m.

8. MESA Executive Committee Meeting

After the general MESA committee meeting, MESA Executive Committee held its meeting with seven executive members. Harry Cheng was elected as the Chair of the MESA Executive Committee. It was also decided to form the MESA Technical Committee under the ASME Design Engineering Division for financial purposes of sponsoring odd-numbered year MESA Conferences. XiaoQi Chen will serve as the Secretary of the MESA Committee.

Harry Cheng will check the ASME role structure in a technical committee and create bylaws for the MESA Committee. Harry will create a web site for the MESA Committee and mailing lists for MESA Committees. Harry will work with the Executive Committee of the ASME Design Engineering Division to get the MESA Technical Committee formally established.

The MESA Executive Committee meeting adjourned at 6:50 p.m.

Submitted by XiaoQi Chen