

IFToMM Permanent Commission (PC) for the History of Mechanism and Machine Science (HMMS)

SHORT REPORT OF ANNUAL ACTIVITY: January - December 2008

1 - STATEMENTS FOR THE ACTIVITY OF THE PC

The activities of this PC are planned and executed in order to promote the republishing of classical works of reference, to promote the collection and circulation of material and information in the field of MMS, to maintain the Archive of the Federation, and to promote activities and works in the field of the History of MMS (HMMS).

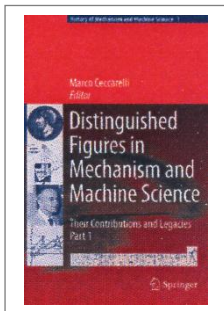
2 - MEMBERS

The PC HMMS momentarily comprises 48 full members and 11 observers from 29 IFToMM member countries. Besides, there are two non-member countries with one observer each.

3 - WEBPAGE

A new webpage of the PC HMMS was established in the course of this year; its address runs <http://webuser.unicas.it/weblarm/IFToMMpcHISTORY/index.htm>

4 - HMMS PUBLICATIONS



The new series “History of Mechanism and Machine Science” which is published by Springer Co. and started last year on the occasion of the 12th IFToMM World Congress in Besançon (France) with the three titles

Vol. 1: Marco Ceccarelli (Ed.): Distinguished Figures in Mechanism and Machine Science: Their Contributions and Legacies (Part 1)

Vol. 2: Francis C. Moon: The Machines of Leonardo da Vinci and Franz Reuleaux – Kinematics of Machines from the Renaissance to the 20th Century

Vol. 3: Hong-Sen Yan: Reconstruction Design of Lost Ancient Chinese Machinery has been extended by the following titles

Vol. 4: Hong-Sen Yan, Marco Ceccarelli (Eds.): 3rd International Symposium on History of Machines and Mechanisms - Proceedings of HMM 2008, Tainan (Taiwan)

Vol. 5: Alexander Golovin, Valentin Tarabarin: Russian Models from the Mechanisms Collection of Bauman University

Vol. 6: S. A. Paipetis (Ed.): Science and Technology in Homeric Epics

More information is found on the webpage <http://www.springer.com/series/7481>.

CALL FOR NEW BOOK PROPOSALS

The new Springer series on HMMS is open for new ideas and titles. If you have such an idea, please inform the series editor Prof. Marco Ceccarelli, University of Cassino (Italy) using his email address ceccarelli@unicas.it!

5 - SPECIAL EVENT

In memoriam of the late Dr.-Ing. E.h. Kurt Hain from Braunschweig (Germany) an honorary colloquium was held on May 22-24, 2008 at the Technical University of Dresden (TUD) on the occasion of his 100th anniversary. Kurt Hain became honorary member of IFToMM in 1979 and died 1995. He wrote 13 books on topics of Applied Kinematics and published 380 papers. The colloquium took place under the auspices of the PC HMMS and the TC “Linkages and Cams”. Prof. Karl-Heinz Modler from TUD acted as organizer chairman and sponsor.

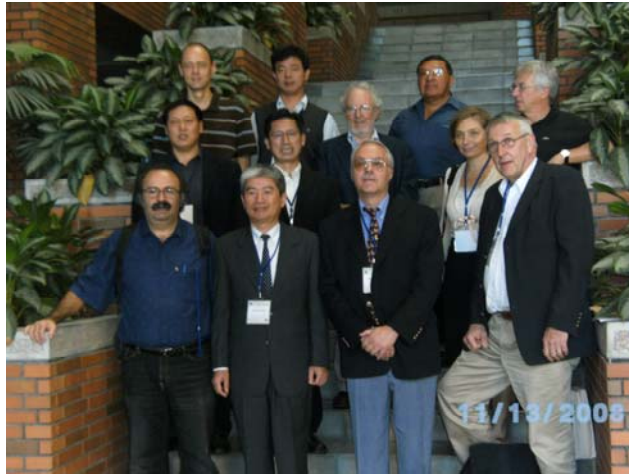
6 - INTERNATIONAL SYMPOSIUM ON HMMS

The 3rd International Symposium on HMMS (HMM 08) was held on November 11-14, 2008 at National Cheng Kung University (NCKU) in Tainan (Taiwan). Chairman of the Organizing Committee was Prof. Hong-Sen Yan from NCKU. The symposium started with a special panel discussion in the NCKU museum concerning mechanism model collections all over the world. The symposium proceedings containing all the 26 papers presented can be found in a bound volume as part of the new Springer series on HMMS (cf. item No. 4).

The 4th International Symposium on HMMS (HMM 12) will take place in May 2012 at the Vrije Universiteit of Amsterdam (The Netherlands) (<http://www.vu.nl/en/index.asp>).

7 - PC HMMS MEETING 2008

The annual PC meeting took place on November 13, 2008 during the 3rd International Symposium on HMMS at National Cheng Kung University (NCKU) in Tainan (Taiwan), cf. item No. 6. On this occasion Prof. Hong-Sen Yan from NCKU was given the PC HMMS Service Award 2008 for his excellent organization of the HMM 2008 symposium and his great hospitality.



Participants of the PC HMMS meeting in Tainan

Front row (left to right): Marco Ceccarelli (Italy, President IFToMM), Hong-Sen Yan (China-Taipei), Hanfried Kerle (Germany, PC chairman), Teun Koetsier (The Netherlands)

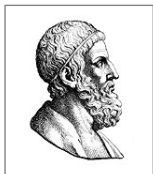
Middle row (left to right): Baichun Zhang (China-Beijing), Jian Dai (UK), Francis Moon (USA), Olga Egorova (Russia)

Last row (left to right): Torsten Brix (Germany), Tsung-Yi Lin (China-Taipei), Carlos López-Cajún (Mexico, Secretary General IFToMM), Manfred Husty (Austria)

8 - FUTURE WORKSHOP on HMMS

The next (7th) workshop on HMMS will be held on November 20, 2009 at the Federal University of Rio Grande do Sul in Gramado (Brazil) in conjunction with the National Conference on Mechanical Engineering (COBEM 2009, cf. <http://www.abcm.org.br/cobem2009>).

9 - FUTURE SPECIAL EVENT



A unique World Conference on the *Genius of Archimedes* will be held on June 7-9, 2010 in Syracuse/Sicily (Italy), cf. <http://www.archimedes2010.org>. The conference topics are as follows: History of Mathematics, History of Science, History of Technology, History of Engineering, HMMS. It is supported by the PC HMMS and organized by Prof. M. Ceccarelli (University of Cassino, Italy), Prof. S. A. Paipetis (University of Patras, Greece), Prof. C. Corres (University of Pennsylvania, USA) et al.

08 December, 2008

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