



NEWSLETTER

*Commission on History of Science and Technology
in Islamic Civilization*

**INTERNATIONAL UNION OF THE HISTORY AND
PHILOSOPHY OF SCIENCE**

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MESSAGE FROM THE PRESIDENT

For our next four-year term (2001-2005), we move into the new millennium with impressive strides. The Commission for History of Science and Technology in Islamic Civilization has now an online listserve with a subscription from over twenty countries. Its annual Newsletter has an additional electronic version, as part of a website, which represents the Commission. This website (officially approved at the general assembly of the Commission during the IUHPS Congress in Mexico City in July 2001) will be maintained professionally and free of charge from the Department of History of Science at Oklahoma University.

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MESSAGE FROM THE SECRETARY

Let me thank all of you who have sent information for this Newsletter. Once again the response to our request for news, publications, and so forth has been gratifying. I would also like to thank you for making the online Newsletter and listserve a success through your participation. Please note that Volumes 4-7 of the Newsletter are available at <http://www.ou.edu/islamsci/> (vols. 5-7 being in .pdf format, which requires the free and easily downloadable Adobe Acrobat Reader).

At the recent History of Science Congress in Mexico City, there was a meeting of the Commission on History of Science and Technology in Islamic Civilization. An election was held and the new officers are listed below. A number of initiatives were proposed at the meeting, and Prof. Russell will be discussing these with you in the coming months. The minutes of the meeting are printed in the appendix of this Newsletter (page 15).

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Commission on History of Science & Technology in Islamic Civilization International Union of the History and Philosophy of Science

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Frankfurt am Main 60054, GERMANY

Past Presidents:

Julio Samsó (1997-2001)
SPAIN

S.M.R. Ansari (1993-1997)
INDIA

E.S. Kennedy (1989-1993)
USA

2. ORGANIZATIONS/ NETWORKS/ GROUPS

THE AVICENNA STUDY GROUP (ASG) was formally established in the concluding session of The First Graduate Student Conference on Ibn Sīnā March 2001, Yale University. The purpose of this group is to facilitate communication concerning recent academic research on the life, times, and thought of the 10th-11th-century philosopher Avicenna (or Ibn Sīnā), to disseminate information on manuscripts, primary, and secondary material related to Avicenna and medieval Arabic philosophy in general, and to serve as the first stage in projected major collaborative research projects on Avicenna.

- **IBN SĪNĀ ACADEMY OF MEDIEVAL MEDICINE & SCIENCES** was inaugurated April 20, 2001 by **Mohammad Hamid Ansari**, Vice Chancellor of Aligarh Muslim University (AMU), and presided over by **Siraj Hussain**, Vice Chancellor, Jamia Hamdard, New Delhi. **Hakim Syed Zillur Rahman**, The Founding President of the Academy, delivered the welcome address. The website is: www.ibnsinaacademy.com.

Attendees included: **Aqa’i Roohi Sefat**, Deputy Chief of Mission & Councilor, Islamic Republic of Iran, India who inaugurated the Newsletter of Ibn Sīnā Academy [NISA]; **Aqa’i Taqi Rafei** of Noor Microfilm Centre, Iran Culture House, New Delhi (and who presented the book *Tibbi Taqadme* by Hakim Syed Zillur Rahman); **Ather H. Siddiqi**, Former Dean, Faculty of Life Science, AMU; and more than two hundred senior faculties of AMU and a delegation from the Iranian Embassy.

- **THE INTERNATIONAL SOCIETY FOR THE HISTORY OF ISLAMIC MEDICINE (ISHIM)**

The first meeting of the ISHIM took place December 1-3, 2000 in Doha, Qatar. The international physicians, scholars and historians who attended called for studying the Islamic medical heritage in order to show the role Arab and Muslim physicians played in the development of medical science during the renaissance of Islamic civilization, as well as its importance in the development of modern medicine, especially its effect on the European Renaissance.

An executive council was set up; by-laws were discussed and approved during the meeting. Doha was selected as the permanent location of the society. Membership in the society is open to anyone who has an interest in or would like to contribute to the study of the History of Islamic Medicine.

For more information contact: **Abdul Nasser Kaadan**, M.D., Ph.D., Orthopedic Surgery, History of Medicine, Aleppo University, The Secretary General of ISHIM, P.O. Box: 7581, Aleppo, Syria; Tel.: 963 21 2667345, Fax: 963 21 2248035; Email: a.n.kaadan@mail.sy; website: www.ishim.net

3. NEW JOURNALS/SERIES/ NEWSLETTERS

- ***Osmanlı Bilimi Araştırmaları (Studies in Ottoman Science)*** (Vol. I, 1995, Vol. II, 1998) will be published biannually from 2001 on. The issue Vol. III, Nr. 1 (2001) is in press. Contributions (in English or Turkish) are welcome for the next issue. The journal aims to promote research on the history of science, medicine and technology in Turkey.

For further information contact: **Dr. Feza Günergun** (editor), Istanbul University, Faculty of Arts, Department of Philosophy, Division History of Science, 34459 Beyazit, Istanbul, Turkey; Fax: 0090 212 511 43 71; Email: guner@attglobal.net

- ***Nâmeḥ-ye Bahârestân***. An Iranian International Journal for Islamic Manuscripts Research. The semi-annual journal intends to publish a special issue entitled “Science: The Common Heritage of Mankind.”

For further information contact: **Nâder Mottalebi-Kâshâni**, Editor-in-Chief, Nâmeḥ-ye Bahârestân, P. O. Box 11365-954, Tehran 11357, Iran. Tel.: (+ 9821) 75 26 873; Fax: (+ 9821) 75 33 541; Email: nameh_baharestan@majlislib.com; editorial@majlislib.com; Website: www.majlislib.org

- ***The Arab World Geographer***. A quarterly journal in the field of studies on the Arab and Islamic world. It was previously based at the University of Toronto, and is now in the process of relocating to the University of Akron, Ohio.

For further information contact: **Dr. Ghazi Falah**, Editor-in-Chief; <http://www.frw.uva.nl/ggct/awg>

- **The Graeco-Arabic Sciences and Philosophy Series** of Brigham Young University (<http://meti.byu.edu/ast.html>) announces the imminent publication of three works:

1. Ibn Rushd’s Middle Commentary on the *De Anima* of Aristotle, edited and translated by **Alfred Ivry**.
2. Moses Maimonides’ treatise *On Asthma*, edited and translated by **Gerrit Bos**, with the Latin translations of John of Capua and of Armengaud Blaise, edited by **Michael McVaugh**, and comprehensive Arabo-Latin glossary prepared by **Glen Cooper**. This work will be issued in two volumes, Arabic and English in the first, and Latin and glossary in the second.
3. Moses Maimonides’ *Medical Aphorisms*, Part I, edited and translated by **Gerrit Bos**. The latter two works are the first in the Complete Medical Works of Moses Maimonides series, edited by **Gerrit Bos**, and published in the GrASP series, under the direction of **Glen Cooper**, and an Advisory Board under the supervision of **Dimitri Gutas**.

For more information about the GrASP series, please contact: **Glen Cooper**: glen_cooper@byu.edu or maimonides@byu.edu.

- **The ICHA Newsletter: The Newsletter of the Inter-Union Commission for History of Astronomy.** No. 1-June 2001. Contact: **Dr. Ileana Chinnici**, c/o Osservatorio Astronomico di Palermo G. S. Vaiana, Piazza del Parlamento, 1, 90134 Palermo, Italy; tel. 39091233443; fax: 39091233444; Email: chinniastrpa.unipa.itci@oapa.
- **SCIAMVS: Sources and Commentaries in Exact Sciences.** (For the Table of Contents of Volume 2, April 2001, see "Appendix".) Those who are interested in subscribing and/or sending contributions to SCIAMVS, please visit their homepage: <http://plaza.harmonix.ne.jp/~sciamvs/>
- **Historia Scientiarum.** The International Journal of the History of Science Society of Japan. Founded in April 1941, the Society aims to advance research in all aspects of the history of science and technology from ancient times to the present. Formerly titled as *Japanese Studies in the History of Science*, the journal is published three times a year, and contains papers, surveys, documents, and reviews, written in English, German or French. The Society's membership is international and open to individuals and institutions. Email: serials@jptco.co.jp; <http://www.jptco.jp/book/serials/index.html>

4. CONFERENCES/ SYMPOSIA/ MEETINGS/LECTURES IN 1999-2001

* CONFERENCES 2001 *

- **NASIRADDIN TUSI AND MODERN ASTRONOMY. October 4-7, 2001 in Azerbaijan.** The Conference was in commemoration of the 800-year anniversary of Naşîr al-Dîn al-Ťûsî and took place at the the Shamakhy Astrophysical Observatory (Pirgulu site, Y. Mammadaliyev settlement, about 144 km distance from the capital of Azerbaijan, Baku. It was sponsored by the Government of the Azerbaijan Republic and Azerbaijan National Academy of Sciences and was one of the series of conferences of the Majlis (School) "TUSI-800" organized by the Shamakhy Astrophysical Observatory since 1998.
Topics included: History of Astronomy; Physics of the Sun; Investigation of Solar System Bodies; Astrophysics; Space physics
Scientific Organizing Committee: Chairman of SOC: **Prof. Dr. Ayyub Salah-oghlu Guluyev**, Correspondent-member of the Azerbaijan National Academy of Sciences; Vice-Chairman of SOC: **Dr. Elchin Safaraly-oghlu Babayev**; Secretary of SOC: **Mrs. Aynura Alili**

Members of SOC: Academician **Arif Mekhtiyev** (Azerbaijan); Academician **Akif Hajiyev** (Azerbaijan); **Prof. Dr. Vladimir Nukhimovich Obridko** (Russia); **Prof. Dr. F. Jamil Ragep** (USA); **Prof. Dr. Juergen Staude** (Germany); **Prof. Dr. Shuhrat Ehgamberdiev** (Uzbekistan); **Prof. Dr. N. Sakhbullin** (Tatarstan, Russian Federation); **Dr. T. Appourchaux** (The Netherlands)
Contacts: ShAO, P.O.Box 153, Central Post Office, Baku, 370000, Azerbaijan Republic; Email: ebabayev@yahoo.com; elay@lan.ab.az; ayyub@dcacs.ab.az; Fax: (994 12) 97 52 68; Tel.: (994 50) 213 14 59

- **ISLAM AND SCIENCE, organized by the Institute for Inter-Faith Studies. August 27-29, 2001 in Amman, Jordan.**

Participants: **S. N. Haq** (Rutgers Univ.): "The Corpus Jabirianum as a Religious Document"; **C. Burnett** (The Warburg Institute, Univ. of London): "The Question of Religion in the Translation of Arabic Scientific Works into Latin in the Twelfth Century"; **B. El Bouazzati** (Mohammad V Univ., Rabat): "The Continuum of Knowledge and Beliefs"; **H. Ghasib** (Princess Sumaya Univ., College for Technology, Amman): "Can Religious Metaphysics Coexist with Scientific Method?" **R. Şeşen** (IRCICA, Istanbul): "The Ottoman's Approach to Science"; **A. Zahlan** (London): "Science and Technology in the Islamic World"; **E. S. Kennedy** (USA): "Al-Battānī's Astrological Determination of the Date of the Prophet's Birth"; **E. Kheirandish** (Harvard Univ.): "The Alexandrian Optical Traditions in Arabic and the IOTA Project"; **R. G. Morrison** (Whitman College): "Astronomy and *Tafsîr*"; **A. Dallal** (Stanford Univ.): "The Adjustment of Science"; **R. Lorch** (Ludwig-Maximilians Univ., Munich): "Astronomical Instruments in the Islamic Middle Ages"; **S. Hamarneh** (Washington D.C.): "Al-Ya'qūbī's Universal History and al-Bīrūnī's *al-Jamāhir*"; **K. Al-Ajlouni** (Jordan): "Values, Qualifications, Ethics and Legal Standards in Arabic (Islamic Medicine)"; **Princess Wijdan Ali** (Jordan Institute of Diplomacy): "Building Technology in the Umayyad Period as Shown in the Murals of Qusair Amra"; **D. Gutas** (Yale Univ.): "The Social Contexts of the Sciences in the Medieval Islamic World"; **G. Saliba** (Columbia Univ.), "The Social Context of Islamic Astronomy"; **L. I. Conrad** (Wellcome Institute, London): "Commentary Culture and the Shaping of Academic Culture in Medieval Islam"; **M. Abattouy** (Fez Univ.; Max Planck Institute for Hist. of Sci., Berlin): "The Arabic Tradition of *'Ilm al-Athqāl wa-'l-Mawāzīn* (Science of Weights and Balances): A Report on an Ongoing Research Project"; **A. Dhanani** (Harvard Univ.), "Problems in Eleventh-century *Kalām* Physics"; **S. Brentjes** (Johann Wolfgang Goethe Univ., Frankfurt): "Welcomed into the *Marātib al-'ulūm* Literature, but Banned from the *Madāris*? On the Respectability, Meaning and Professional Status of *al-'ulūm al-'aqliyya* between 1100–1700 (mainly in Egypt and Syria); **A. Davenport** (Harvard Univ.): "Mnemou Théou: Science as *dhikr* in Descartes, Faraday and Ibn al-Haytham"

- **BETWEEN EMPIRES: 'ORIENTALISM' BEFORE 1600. July 12-15, 2001 at Trinity College, Cambridge.**

An international conference on cultural interaction between Europe and the 'Orient,' from the early Middle Ages to 1600. Email: between.empires@trin.cam.ac.uk; Website: <http://www.arts.usyd.edu.au/Arts/departs/medieval/conf.html>

- **XXIST INTERNATIONAL CONGRESS OF HISTORY OF SCIENCE. July 8-14, 2001 in Mexico City, Mexico. Theme: Science and Cultural Diversity.** For info: **Juan José Saldaña**, Chairman of the Organizing Committee of the XXth ICHS, Apartado postal 21-873, 04000 México, D. F., México. URL: <http://www.cilea.it/history/DHS>

ICHS SYMPOSIUMS

–**ASTRONOMICAL HERITAGE OF NON-EUROPEAN CULTURAL AREAS.** Organized by **S. M. R. Ansari** (Aligarh/India), **Il-Seong Nha** (Seoul /South Korea), and **Marco A. M. Corral** (Mexico); co-sponsored by the Commission on History of Science and Technology in Islamic Civilization. Contact Person: **S. M. Razauallah Ansari** (Raza.Ansari@gmx.net)

–**HISTORY OF MATHEMATICAL SCIENCES IN THE ISLAMIC WORLD.** Organized by **Hélène Bellostá.**

–**THE MEDIEVAL NEXUS: SCIENTIFIC TRANSMISSION WITHIN AND FROM ISLAMIC LANDS.** Organized by **J. Samsó** and **J. Ragep**; sponsored by the Commission on History of Science and Technology in Islamic Civilization.

Participants: **Mercè Comes** (Spain): "The Arabic Influence on European Cartography"; **Mònica Rius** (Spain): "Contacts Between the Maghrib and Egypt in the 16th century: The Works of al-Tājūrī (d. 990 / 1580) on the *Qibla*"; **Benno van Dalen** (Netherlands): "The Dissemination of Materials from *zīj*es within the Islamic World"; **Roser Puig and Emilia Calvo** (Spain): "Rereading the Alfonsine Treatise on 'Alī ibn Khalaf's 'Lámina Universal' "; **Jamil Ragep** (USA): "Ibn al-Haytham and Eudoxus: The Revival of Homocentric Modeling"; **Julio Samsó** (Spain): "Jābir ibn Aflah's Criticism of Ptolemy's Determination of the Parameters for Venus and Mercury"

–**OTTOMAN SCIENCE AND CULTURAL DIVERSITY.** Organized by **E. İhsanoğlu**, **E. Nicolaidis**, and **A. Picon**; co-sponsored by the Commission on History of Science and Technology in Islamic Civilization. Contact Person: **Ekmeleddin İhsanoğlu** (ircica@superonline.com)

–**SCIENCE AT THE FRONTIERS: MEDICINE & CULTURES IN THE ANCIENT & MEDIEVAL WORLDS.** Organized by **A. Touwaide** (atouwaide@hotmail.com)

–**THE TRANSMISSION OF SCIENTIFIC CULTURES AND THE FORMATION OF SCIENTIFIC LANGUAGES.** Organized by **L. Pyenson**, **R. Rashed**, and **S. Chikara**.

- **INTERNATIONAL MEDIEVAL CONGRESS. July 9-12, 2001 at The University of Leeds.** For information: <http://www.leeds.ac.uk/imi/imc/imc2001/imc2001.htm> Email: IMC@leeds.ac.uk

- **COSMOLOGY THROUGH TIME / LA COSMOLOGIA NEL TEMPO (Ancient and Modern Cosmologies in the Mediterranean Area) Astronomical Observatory of Rome. June 17-21, 2001, Monteporzio Catone.**

Organizers: Osservatorio Astronomico di Roma, Osservatorio Astronomico di Capodimonte, Osservatorio Astronomico di Palermo, * Egyptian Embassy, Società Astronomica Italiana, * Libyan Embassy, Università di Roma "Tor Vergata," Université Hassan II Ain-Chock - Casablanca, * Moroccan Embassy, Istituto Italiano per l'Africa e L'Oriente, Associazione per l'Amicizia Italo-Araba, AlmaMed, UNESCO [* = Possible Co-Organizer]

Speakers: **J. Barbour** (UK); **J. A. Belmonte Aviles** (Spain); **F. Bonoli** (Bologna); **R. Buonanno** (II Università di Roma "Tor Vergata"); **M. Capaccioli** (SAIt, OAC); **V. Castellani** (Pisa); **K. Cham-Cham** (Casablanca); **P. Davies** (Australia); **S. DeMeis** (Milano); **J. Elamrani** (Casablanca); **O. Gingerich** (Harvard Univ.); **B. Guiderdoni** (Paris); **H. Hunger** (Vienna); **D. King** (Frankfort); **P. Kunitzsch** (Munich); **A. Panaino** (Bologna); **S. Picchioni** (Bologna); **D. Pingree** (Brown Univ.); **R. Rashed** (Paris); **G. Saliba** (Egypt); **J. Silk** (Oxford UK); **R. Treumann** (MPG Munich); **N. Vittorio** (II Università di Roma "Tor Vergata")

- **WRESTLING WITH NATURE: FROM OMENS TO SCIENCE. A Conference in Honor of David C. Lindberg. April 26-28, 2001 at the University of Wisconsin-Madison**

Participants: **G.E.R. Lloyd** (Univ. of Cambridge): "Case Histories in Ancient Medicine: Greece, Egypt and China"; **F. Rochberg** (Univ. of California, Riverside): "Natural Knowledge in Near Eastern Antiquity"; Commentator: **B. Goldstein** (Univ. of Pittsburgh); **J. Ragep** (Univ. of Oklahoma): "Natural Knowledge in the Greek and Arabic Middle Ages"; Comm. **A. I. Sabra** (Harvard Univ.); **M. H. Shank** (Univ. of Wisconsin-Madison): "Natural Knowledge in the Latin Middle Ages"; Comm. **J. Cadden** (Univ. of California, Davis); **R. S. Westman** (Univ. of California, San Diego): "Natural Knowledge in Early Modern Europe"; Comm. **F. Hsia** (Univ. of Wisconsin-Madison); **J. L. Heilbron** (Burlington, England): "Natural Philosophy"; Comm. **P. Dear** (Cornell Univ.); **P. Harrison** (Bond Univ., Australia): "Natural History"; Comm. **L. Koerner** (Imperial College, London); **R. L. Numbers** (Univ. of Wisconsin-Madison): "Science and Medicine"; Comm. **J. V. Pickstone** (Univ. of Manchester); **E. Schatzberg** (Univ. of Wisconsin-Madison): "Science and Technology"; Comm. **S.W. Leslie** (Johns Hopkins Univ.); **J. H. Roberts** (Univ. of Wisconsin-Stevens Point): "Science and Religion"; Comm. **F. Gregory** (Univ. of Florida); **Daniel P. Thurs** (Univ. of Wisconsin-Madison): "Scientific Methods"; Comm. **T. Gieryn** (Indiana Univ.); **B. Lightman** (York Univ.): "Science and the Public"; Comm. **L. K. Nyhart** (Univ. of Wisconsin-Madison); **D. N. Livingstone** (Queen's Univ., Belfast): "Science and Place"; Comm. **T. H. Broman** (Univ. of Wisconsin-Madison)

- **EXCHANGES OF MATHEMATICS BETWEEN ISLAM AND EUROPE. March 29-31, 2001 in Norman, Oklahoma.** The University of Oklahoma's Rockefeller Fellowship Program, "Scientific Exchanges Between Islam & Europe 1300-1800," sponsored a series of lectures on Islamic mathematics and a workshop devoted to the question of exchanges of mathematical knowledge between Islam and Europe, especially after 1300.

Participants: **J. Hogendijk**: "The Story of Pi: An Islamic Angle"; **E. Kheirandish**: "The Mathematical Aspects of Optics in Islam"; **K. Plofker**: "Islamic Reactions to Indian Mathematics"; **L. Berggren**: "The Islamic Reception of Greek Mathematics."

There was also a presentation of Printed Books in the History of Mathematics from the History of Science Collections, by **Irina Lyuter, Kerry Magruder** and **Jamil Ragep**. For more information: <http://www.ou.edu/islamsci/Rockefeller.htm>

- **THE FIRST GRADUATE STUDENT CONFERENCE ON IBN SĪNĀ. March 17-19, 2001, Yale University.**

Participants: **D. Gutas** (Yale), **J. Janssens** (Independent Scholar), **Y. Michot** (Oxford), and **R. Wisnovsky** (Harvard): "State of the Art" Comments; **A. Ahmed** (Princeton): "Avicenna's Treatment of Aristotelian Modals"; **R. Acar** (Harvard): "Intellect vs. Active Intellect: Plotinus and Avicenna"; **K. Kennedy-Day** (Fatih Univ., Istanbul): "Ibn Sīnā on the Afterlife of the Soul"; **T. Jaffer** (Yale): "Avicenna's Argument against Metempsychosis (*tanāsukh*) as found in *al-Risāla al-Adhawiyya fī amr al-ma'ād*"; **A. Bertolacci** (Yale): "Some Remarks on the Doctrine of Being in Avicenna's *Ilāhiyyāt* of the *Shifā'*"; **S. Rizvi** (Cambridge): "Process Metaphysics in Islam? Avicenna and Mulla Sadra on Intensification in Being"; **T. Mayer** (Oxford): "Fakhr al-Dīn al-Rāzī's Critique of Ibn Sīnā's Argument for the Unity of God in the *Ishārāt*, and Naṣīr al-Dīn al-Ṭūsī's Defence"; **D. C. Reisman** (Yale): "Ibn Sīnā and his Students: Preliminary Remarks on *The Discussions*"; **A. Dhanani** (Harvard): "Rocks in the Heavens?! The encounter between 'Abd al-Jabbār and Ibn Sīnā"; **A. H. al-Rahim** (Yale): "The Reception of Ibn Sīnā among Shī'ī Scholars"; **H. Takahashi** (J.W. Goethe-Universität Frankfurt): "The Reception of Ibn Sīnā in Syriac — The Case of Gregory Barhebraeus"

Professors Emeriti **A.I. Sabra** and **Franz Rosenthal** also attended the conference. The Conference papers are currently being edited for a projected volume (2002) entitled "Before and After Avicenna."

- **THE GROUP OF RESEARCH IN HISTORY AND PHILOSOPHY OF SCIENCE (GRHPS, Rabat, Morocco) organized a roundtable on the theme "The Gradual Decline of the Sciences in the Late Medieval Islamic West," February 9-10, 2001 in Marrakesh, Morocco.**

B. El Bouazzati, the coordinator of the GRHPS, was the commentator. *Attendees:* **B. El Bouazzati, S. Yafout, A. Benmaissa, M. Miftah, A. Chahlane, H. Nakari, D.**

Lamrabet, H. Hijri, M. Abattouy, M. El Faïz, A. Sghaier, M. Aballagh, H. Bahi, A. Djebbar.

* CONFERENCES 2000 *

- **HISTORY OF EARLY MEDICINE: A SYMPOSIUM. University of Oklahoma, November 20, 2000**

Participants: **L. Richter-Bernburg** (Orientalisches Seminar, Universität Tübingen, Germany): "Communicable Diseases in Pre-modern Islamic Medicine"; **G. A. Russell** (Texas A & M): "Perception of Continuity and Change: The Role of Medical History in Medical Curricula"; **N. G. Siraisi** (Hunter College, City University of New York): "Ghirolamo Mercuriale and Renaissance Medical Antiquarianism"

In addition "An Exhibit of Renaissance Medical Books" was presented by **Alain Touwaide** at the University's History of Science Collections.

Contact person: **F. Jamil Ragep** (jragep@ou.edu) Web page: <http://www.ou.edu/islamsci/medposter-online.htm>

- **THE INTERNATIONAL CONGRESS ON GHIYĀTH AL-DĪN JAMSHĪD KĀSHĀNĪ. Organized by Kashan University. November 9-11, 2000 in Kashan, Iran.** The topics of the Congress were History of Islamic Science, in connection with Ghiyāth al-Dīn Jamshīd al-Kāshī (d.1429), and Computational Mathematics and Astronomy.

For the History of Islamic Science, the two foreign plenary speakers were: **Jan P. Hogendijk** (Utrecht): "Al-Kāshī's determination of 2π in 16 decimals and its role in the history of mathematics"; **Yvonne Dold-Samplonius** (Heidelberg): "Al-Kāshī's method to calculate arches"

Both were also members of the Advisory Committee. **Y. Dold** was invited as keynote speaker and was granted honorary citizenship of Kashan "to mark her efforts for promotion of the famous and great people of this land."

- **MIDWEST HISTORY OF MATHEMATICS CONFERENCE. Northern Kentucky University, October 13-14, 2000 in Highland Heights, Kentucky** **Kim Plofker** gave the keynote address "Essential Astrology for Historians of Mathematics."
- **2000 YEARS TRANSMISSION OF MATHEMATICAL IDEAS: EXCHANGE AND INFLUENCE FROM LATE BABYLONIAN MATHEMATICS TO EARLY RENAISSANCE SCIENCE. May 8-12, 2000 at the Rockefeller Study and Conference Center in Bellagio, Italy.**
Organized by: Profs. **Yvonne Dold-Samplonius** (Univ. of Heidelberg, Germany), and **Joseph Dauben** (City Univ. of New York, USA). The conference was designed to focus on the history of intercultural mathematical transmission. An edited volume of the conference papers is now in preparation.

Participants: **A. Allard** (Tourpes, Belgium): “Deux séries de problèmes latins du XIIIe siècle, ou les traditions multiples dans l'arithmétique médiévale”; **M. Bagheri** (Tehran, Iran): “Depression of the Visible Horizon: A Geometrical Problem from Ulugh Beg’s School”; **J. L. Berggren** (Burnaby, B.C., Canada): “Some Mathematical Constants across the Ages: Values and Contexts”; **A. Eberhard-Bréard** (Paris, France): “Problems of Pursuit: Recreational Mathematics or Astronomy?”; **C. Burnett** (London, England): “Hindu-Arabic Numerals and the Transmission of Symbolic Notation”; **K. Chemla** and **A. Keller** (Paris, France): “The Sanskrit *Karanis*, and the Chinese Concepts and Practice of *mi* (area) and *mian* (side)”; **B. van Dalen** (Frankfurt, Germany): “The Transmission of Mathematical Knowledge between Iran and China in the Mongol Period: A Little Known Route”; **A. Djebbar** (Orsay, France): “La circulation des mathématiques entre l’Orient et l’Occident musulman: premier bilan et interrogations”; **L. Dun** (Beijing, China): “A Homecoming Stranger: Footsteps of the Double-False-Position Method”; **W. van Egmond** (Tempe, AZ, USA): “A Comparison of Mathematical Problems in Three Cultures: A Test of Concepts and Procedures”; **M. Folkerts** (Munich, Germany): “Regiomontanus’ Role in the Transmission of Mathematical Problems”; **R. Franci** (Siena, Italy): “River Crossing Problems from Alcuin to Tartaglia”; **J. Hogendijk** (Utrecht, Netherlands): “Al-Māhānī’s Treatise on Anthyphairetic Ratios”; **J. Høyrup** (Roskilde, Denmark): “Seleucid Innovations in the Babylonian ‘Algebraic’ Tradition and their Kin Abroad”; **T. Lévy** (Vanves, France): “Hebrew Mathematics in the Middle Ages: Recent Textual Studies and Historical Problems”; **D. Pingree** (Providence, R.I., USA): “The Mathematics of de la Hire’s *Tabulae astronomicae* in Sanskrit”; **K. Plofker** (Providence, R.I., USA): “Use and Transmission of Iterative Approximations in India and the Islamic World”; **U. Rebstock** (Freiburg, Germany): “A Missing Link in the Practical Diffusion of Arithmetical Theorems in the Medieval Arabic World”; **S. R. Sarma** (Aligarh, India): “Rule of Three in Sanskrit Variations”; **J. Sesiano** (Lausanne, Switzerland): “Multiplication Tables: Lines of Transmission Based on Greek, Coptic and Armenian Examples”; **A. Volkov** (Montreal, Canada): “Horses, Lambs, and Elephants: an Unknown ‘Hundred Fowls’ Problem from a Medieval Vietnamese Treatise”

* CONFERENCES 1999 *

- **OMAR KHAYYAM. MATHÉMATICIEN, PHILOSOPHE ET POÈTE. International Colloquium. UNESCO. September 20-22, 1999 in Paris, France.**

Inauguration: Message from **Sayyed Mohammed Khatami** (Pres. of the Islamic Republic of Iran); **Federico Mayor**, Director General of UNESCO; **Abdulaziz Othman Altwaijri**, Director General of UNESCO; **Ehasan Naraghi**, Coordinator of the Bayt al-Hikma Project: “Le projet Bayt al-Hikma et le colloque international sur Omar Khayyam”; Presentation of gold medal to **Roshdi Rashed** and his group by Federico Mayor

Presentation of 2 works. Chaired by **A. Beschaouch**, Director of the Bayt al-Hikma Project: **R. Rashed**, “Omar Khayyam mathématicien”; **H. Sadeghi**, “Les Quatrains d’Omar Khayyam

OMAR KHAYYAM’S MATHEMATICS: **R. Rashed** (Director of Research CNRS; Dir., Centre d’Histoire des Sciences et des philosophies arabes et médiévales): “Al-Khayyam et le commencement de la géométrie algébrique”; **Christian Houzel** (Univ. of Paris VIII): “Omar Khayyam et la théorie des parallèles”; **C. Lobry** (Director, Centre international de mathématiques pures et appliquées CIMPA): “Le CIMPA et la recherche en mathématiques”; **N. Kanani** (Atotech Deutschland GmbH): “Khayyam and the Parallel Postulate”; **S. H. Nasr** (George Washington Univ.): “Omar Khayyam: Philosopher”

KHAYYAM’S MATHEMATICS: **B. Vahabzadeh** (Hist. of Science, Univ. of Paris VII): “Omar Khayyam et la notion de nombre irrationnel”; **E. Giusti** (Mathematics Dept., “U. Dini”, Univ. of Florence): “Khayyam et Galilée critiques d’Euclide: une comparaison”; **N. Megahed** (Univ. of Cairo): “Division du quart d’un cercle”; **Marouane Ben Miled** (Faculté des Sciences de Tunis): “Les quantités irrationnelles dans les mathématiques arabes du IX^e au XI^e siècle”; **P. Abgrall** (Centre d’Histoire des Sciences et des philosophies arabes et médiévales): “Des problèmes géométriques d’al-Quhi aux equations d’al-Khayyam”

KHAYYAM’S ASTRONOMY: **R. Morelon** (CNRS, Dir., The Dominican Instit. of Oriental Studies, Cairo): “L’astronomie arabe à l’époque d’al-Khayyam”; **A. Dallal** (Yale): “Astronomer or Astrologer? Khayyam’s Career at the Malikshah’s Observatory”

KHAYYAM AND HYDROSTATICS: **M. M. Rozhanskaya** (Institute for the Hist. of Sciences and Technology, Moscow)

KHAYYAM: PHILOSOPHY AND LITERATURE: **G. Lazard** (Institut de France, Académie des Inscriptions et Belles-Lettres): “Omar Khayyam poète”; **A. Hasnaoui** (Centre d’Histoire des Sciences et des philosophies arabes et médiévales): “Khayyam avicennien: digressions philosophiques dans son oeuvre mathématique”

H. Sadeghi (Prof., Surgeon, Lausanne): “Les Quatrains d’Omar Khayyam”; **J. Aghayani Chavoshi** (Scholar, Hist. of Science): “Omar Khayyam et la musique théorique”; **H. Masoumi-Hamedani**: “Le concept de mouvement en géométrie chez Ibn al-Haytham et Khayyam: comparaison”; **L. Chenderoff-Anvar** (Univ. of Paris III) and **I. Gadoin** (Univ. of Paris III): “Fitzgerald-Khayyam: histoire d’une passion”; **F. Reza** (Mc Gill Univ. and Concordia Univ., Canada): “A Renaissance Thinker of the Middle Ages”

* PAPERS 2001 *

FEZA GÜNERGUN delivered a paper on “German chemists in Turkey during the Darülfünun reformation of 1914” at the XXVIIIth Deutscher Orientalistentag held on March 26-30, 2001, in Bamberg, Germany.

ABDUL NASSER KAADAN presented the following papers: —“Sexology in Early Arabic Medicine.” The XVth World Congress of Sexology, Paris, France, June 24 -28, 2001. [To be

published in the News bulletin of the International Society for Sexual and Impotence Research]

—“Albucasis is the Pioneer of Neurosurgery during the Middle Ages.” The 6th Annual Meeting of the International Society for the History of Neurosciences (ISHN) and 8th Meeting of the European Club for the History of Neurology (ECHN), Cologne, Germany, June 13-16, 2001.

JAMIL RAGEP presented “The Cultural Foundations of ‘Secular’ Science In Islamic Civilization” and “Naṣīr al-Dīn al-Ṭūsī and the Reform of Ptolemaic Astronomy,” at the Conference “Nasiraddin Tusi and Modern Astronomy” (sponsored by the Government of the Azerbaijan Republic and Azerbaijan National Academy of Sciences), 4-7 October 2001, Shamakhy Astrophysical Observatory, Azerbaijan.

* PAPERS 2000 *

BENNACER EL BOUAZZATI gave a paper entitled “The Problems of Science in the Islamic West in the Fourteenth Century” in Tunis (Conference of SIHSPAI, November 2000).

AHMAD HALOUBI presented papers on various aspects of agriculture and Arabic science at The Seventh International Symposium on the History of Arabic Science held in the United Arab Emirates, 2000 and the Third Congress of the Jordanian Organization for Scientific History held in Amman, 2000.

MOUSTAFA MAWALDI presented “The History of the Square Root of Irrational Numbers in Arabic Civilization” at The Seventh International Symposium on the History of Arabic Science, November 12-15, 2000 at the Zayed Center for Heritage and History, Al-‘Ain, the United Arab Emirates.

JAMIL RAGEP presented “Astronomical Modeling in Islam: The Mathematical and Physical Background of the Copernican Revolution,” at the “Medieval Mathematical Science Seminar,” University of New Mexico, Albuquerque, April 24-25, 2000.

* PAPERS 1999 *

HARUN DIRAMAN presented the following papers:
—“An Ottoman Agricultural Book: Some Notes on Kitab-i Revank-i Bustan (Book of the Luminous Garden)” at the International Congress on Learning & Education in the Ottoman World, April 12-15, 1999 in Istanbul, Turkey. [The book was written by an unknown writer from Edirne in the 16th c. It was one of the most often used basic agricultural books in Ottoman Turkish. It was translated into Arabic under the same title.]

—“A Case Study of Transferring Knowledge in Agriculture Science from Andalus Science to Ottoman Science: Some Notes on First Turkish Translation of The Agriculture Book of Ibn al-‘Awwām.”

AHMAD HALOUBI presented a paper “Methods to increase and grow grapevines in Ibn al-‘Awwām al-Ishbīl” at the Twentieth Annual Congress for the History of Arabic Science, Aleppo, Syria, 1999.

5. FORTHCOMING EVENTS

- **FIRST CONGRESS ON TURKISH HISTORY OF SCIENCE AND TECHNOLOGY. “History of Technology in Turkey.” November 15-17, 2001 in Istanbul, Turkey.**

The fundamental goal of this congress is to present an account of all contributions and developments that might be considered “technological.” It is hoped that the proceedings book of the congress will constitute an important resource for the coming studies on the issue. The congress aims to bring together historians of science and technology and scholars and researchers exploring the fields of engineering, archeology, anthropology, philosophy, military arts, etc.

Topics: Agriculture and Food; Construction; Water; Transportation and Communication; Energy; Mining and Metallurgy; Industry (Chemistry, Ceramic, Glass, Textiles, Paper); Measurement and Observation Instruments; Machines; Military Technology

Contact info: Congress on Turkish History of Science and Technology, TBTK, Yıldız Sarayı Müsahip Ağalar Dairesi, Barbaros Bulvarı 80700; Beşiktaşı, Istanbul, Turkey. Tel: (212) 260 07 17; Fax: (212) 258 43 65; Email: ircica@superonline.com or **Zekai Şen** (Congress Secretariat) at zsen@itu.edu.tr

- **CERTAINTY, DOUBT, ERROR: THE PRODUCTION OF KNOWLEDGE AND ITS IMPEDIMENTS IN THE PRACTICE OF PRE- AND EARLY MODERN SCIENCE. November 17th-18th, 2001 in Frankfurt am Main, Germany. In honor of David King's 60th birthday**

Organizers: **Sonja Brentjes**, **Benno van Dalen**, and **François Charette**. *For further information contact:* Institut für Geschichte der Naturwissenschaften Johann Wolfgang Goethe Universität, Postfach 111932 (FB 13), 60054 Frankfurt am Main, Germany; Tel: (069) 79822338; Email: dalen@em.uni-frankfurt.de; <http://www.uni-frankfurt.de/fb13/ign/symposium2001.html>.

Participants include: **J. P. Hogendijk**: “The Burning Mirrors of Diocles: Reflections on Methodology and Purpose of the History of Pre-modern Science”; **G. Endreß**: “The Language of Demonstration”; **C. Burnett**: “The Certainty of Astrology in the Works of Abū Ma‘shar and al-Qabīṣī”; **J. Bennett**: “Virtue, Error, and Expertise: the Attributes of Instruments and the Morality of Operators”; **T. Langermann**: “Criticism of Authority in the Writings of Maimonides and Fakhr al-Dīn al-Rāzī” Commentary by **D. Gutas**; **D. King**: “Astronomy in the Service of Religion in Mamluk Egypt and Syria and Rasulid Yemen”; **B. Goldstein**: “Science as a ‘Neutral Zone’ for Interreligious Cooperation: The Case of Astronomy”; **S. McCluskey**: “The Question of Easter: Changing Contexts and Criteria for the Justification of Received Knowledge”; **A. Tihon**: “Byzantine Astronomical Documents: Survey and Perspectives”; **J. Samsó**: “Is a Social History of Andalus Exact Sciences Possible?”; Moderator: **G. Grasshoff**

- **7^e COLLOQUE MAGHRÉBIN SUR L’HISTOIRE MATHÉMATIQUES ARABES. May 30 - June 2, 2002. comhisma7@ensma.ac.ma**

- **INTERNATIONAL MEDIEVAL CONGRESS. July 8 - 11, 2002 at the University of Leeds. IMC@leeds.ac.uk**
- **THE 38th INTERNATIONAL CONGRESS SOCIETY OF HISTORY OF MEDICINE will be held September 1-6, 2002 in Istanbul, Turkey.** Its main topics will be, among others, "Medieval Medicine", "Medicine in the Near East through History" and "The Relation between Turkish Medicine and the Medicine of Eastern and Western Worlds." For further information contact: **Prof. Dr. Nil Sari**; Tel./Fax. 212 5861509; Fax: 212 6320050; Email: nilsari@istanbul.edu.tr

— **"Medicine and Intercultural Exchanges: Byzantium, the Arabic World, the Ottoman Empire."** A panel organized by **Dr. Alain Touwaide** which will be devoted to the circulation of medical knowledge in the Eastern Mediterranean during the Late Middle Ages, especially during the 15th and 16th centuries in the Balkans and Asia Minor, with a particular attention to Constantinople. Possible paper topics: texts and translations, books and libraries, teaching, sanitary structures, patronage, and treatment of diseases. Please send title, first abstract, together with full name, affiliation, and a brief resume to A. Touwaide at: atouwaide@hotmail.com.

- **THE AVICENNA STUDY GROUP COLLOQUIUM organized a Panel on Ibn Sīnā for The First World Congress for Middle Eastern Studies, Sept. 8-13, 2002 at the University of Mainz, Germany.**

Participants: **R. Acar** (Harvard): "Reconsidering Avicenna's Position on God's Knowledge of Particulars"; **M. A. Al-Akiti** (Oxford): "Avicenna's Philosophy of Mathematics: The Classification of the Mathematical Sciences in the *Aqsām* and the *Burhān*"; **O. M. Alper** (Istanbul U.): "Avicenna's Argument for the Existence of God: Was He Really Influenced by the *Mutakallimūn*?"; **C. Belo** (Oxford): "Chance and Determinism in Ibn Sīnā— Physics I of the *Shifā'*"; **A. Bertolacci** (Yale): "The Reception of Book B (Beta) of Aristotle's *Metaphysics* in the *Ilāhiyyāt* of Avicenna's *Kitāb al-Shifā'*"; **B. El Bouazatti** (Mohamed V Univ.-Agdal, Rabat): "Avicennian Theory of Reasoning"; **G. Lahood** (College of the Bahamas): "Al-Ghazālī and Averroes on Avicenna's Theory of Action"; **O. Lizzini** (Università di Roma La Sapienza): "Matter and Form in Avicenna's *Metaphysics* and the Concept of *faḍl*"; **I. Luther** (Inst. for Hist. of Sci. and Tech., Moscow): "The Conception of Angle in the Works of Ibn Sīnā and al-Shīrāzī"; **R. Marcotte** (Institut Français de Recherche en Iran): "Resurrection in the *Ḥayāt al-nufūs* of Ismā'īl ibn Muḥammad Rizī: The Avicennan Background"; **J. McGinnis** (U. of Missouri-St. Louis): "*Catégoriai kai Kinēsis*: Ibn Sīnā on the Categories in Which Motion Occurs"; **D. C. Reisman** (Yale): "The Philosopher and the Mystic: A Study in the Pseudo-Avicenna Corpus"

For more info on The Avicenna Study Group, contact: **Jon McGinnis** (mcginnis@umsl.edu) and **David C. Reisman** (david.reisman@yale.edu). For more details on the WOCMES contact: **Dr. Joern Thielmann**, Email: wocmes@geo.uni-mainz.de; <http://www.wocmes.de/>

6. RECENT PUBLICATIONS

PLEASE NOTE that these publications have been submitted from online members and should be supplemented by the ISIS critical bibliography (<http://depts.washington.edu/hsexec/isis>) and the International Society for the History of Arabic and Islamic Science and Philosophy's *Newsletter* (<http://www-phil.tamu.edu/Philosophy/sihspai/>) among other sources.

M. ABATTOUY. "Nutaf min al-Hiyal: A Partial Arabic Version of Pseudo-Aristotle's *Problemata Mechanica*." *Early Science and Medicine* 6, 2 (2001): 96-122.

———. "Greek Mechanics in Arabic Context: Thābit ibn Qurra, al-Isfizārī and the Arabic Traditions of Aristotelian and Euclidean Mechanics." *Science in Context* 14, 1-2: 179-247. Berlin: Max Planck Institute for the Hist. of Sci., 2001. Preprint 177.

———. "Interculturalité et Renaissance Scientifique: Sur la Signification Universelle de la Transmission Gréco-Arabe des Sciences (neuvième-dixième siècles)." Berlin: Max Planck Institute for the History of Science, 2001. Preprint 178.

———. "Essais Galiléens. Recherches sur la Genèse et le Développement de la Science de Galilée." Berlin: Max Planck Institute for the Hist. of Science, 2000. Preprint 159.

———. "La tradition arabe de la balance: Thābit ibn Qurra et al-Khāzini" and "Al-Muẓaffar al-Isfizārī 'ālim mikānikī, mu'allif *Irshād dhawī al-'irfān ilā šinā'at al-qaffān*." [al-Isfizārī, a scholar of mechanics, author of *Guiding the Learned Men in the Art of the Steelyard*.] In *Quelques aspects de l'évolution des idées scientifiques: Antiquité et Moyen Âge*, ed. Abdessalam Benmaissa, pp. 49-91, 135-75. Rabat: Publications de la Faculté des Lettres, 2000. *Colloques et Séminaires* no. 83.

———. "Sur quelques démonstrations grecques et arabes de la loi du levier: transmission et transformation." In *Āliyyāt al-istidlāl fī 'l-'ilm (The Mechanics of scientific reasoning)*, ed. Abdessalam Benmaissa, pp. 7-43. (Proceedings of the conference held in Marrakech, February 11-14, 1999). Rabat: Publications de la Faculté des Lettres, 2000.

———. "Review of: Hill, Donald R.: *Studies in medieval Islamic technology: from Philo to al-Jazarī—from Alexandria to Diyar Bakr*." Ed. David A. King. Aldershot [u.a.]: Ashgate 1998." *Middle East Studies Association Bulletin* 34 (2000): 254-5.

——— (with **Jürgen Renn** and **Paul Weinig**). "Transmission as Transformation: The Translation Movements in the Medieval East and West in a Comparative Perspective." *Science in Context* 14, no. 1-2 (2001): 1-12.

——— (co-editor with **Jürgen Renn** and **Paul Weinig**). *Science in Context* 14, 1-2 (2001). Special Issue: Intercultural Transmission of Scientific Knowledge: Greek-Arabic-Latin

ALPARSLAN ACIKGENC. *Scientific Thought and its Burdens: An Essay in the History and Philosophy of Science*. Istanbul: Fatih University Press, 2000. [Can be ordered through Dr. Salim Ayduz, Fatih Univ. Buyuk Cekmece, ISTANBUL] Price: US\$25.00 (includes airmail cost); Email: sa@fatih.edu.tr

S. M. R. ANSARI. "Promotion of Astronomy by Indian Monarchs During the 15th - 18th Centuries, in Astronomy in the Time of King Sejong," *Proceedings of an International Conference to Commemorate the 600th Anniversary of His Birth, (held on September 1st, 1997, Daejeon, Korea)*. Eds. Kyung J. Sim and Changbom Park, Korean Astronomical Observatory, Daejeon (Korea), 2001, pp. 8-75.

—— (with **S. R. Sarma**). "Ghulām Hussain Jaunpūrī and his Encyclopaedia of Sciences." *Studies in History of Med. and Science* 16, 1-2, New Series (1999/2000): 77-93.

TURHAN BAYTOP. *Türkiye'de Bitkiler ile Tedavi-Geçmişte ve Bugün (Herbal Therapies in Turkey—Past and Present)*. Istanbul: Nobel Tip Publications, 1999.

LEN BERGGREN. "Sundials in Medieval Islamic Science and Civilization." *The Compendium* 8, no. 2 (June 2001): 8-14.

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—— (with **Glen Van Brummelen**). "Abū Sahl al-Kūhī on the Distance to the Shooting Stars." *JHA* 32 (2001): 137-51.

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—— (with **Glen Van Brummelen**). "The Role and Development of Geometric Analysis and Synthesis in Ancient Greece and Medieval Islam." In *Ancient & Medieval Traditions in the Exact Sciences. Essays in Memory of Wilbur Knorr*, eds. P. Suppes, J. M. Moravcsik, and H. Mendell, pp. 1-31. CSLI Publications, Center for the Study of Language and Information, Stanford, CA.

HARUN DIRAMAN. "A Case Study of Transferring Knowledge in Agriculture Science from Andalus Science to Ottoman Science: Some Notes on First Turkish Translation of The Agriculture Book of Ibn-i Awwam." *Economic and Technic Journal* 465 (2000): 95-100. [Ankara]

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AHMED DJEBBAR. *Une histoire de la science arabe*. Entretiens avec Jean Rosmorduc. Éditions du Seuil, 2001.

MOHAMMED EI FAÏZ. *Les jardins de Marrakech*. Paris: Actes Sud, Paris, 2000.

——. "Introduction à l'oeuvre agronomique d'Ibn al-Awwâm." In *Ibn al-Awwâm, Livre de l'agriculture (Kitāb al-filāha)*. Paris: Sindbad-Actes Sud, 2000.

——. *Les jardins historiques de Marrakech*. Florence: Edifir, 1996.

——. *Agronomie de la Mésopotamie antique*. Leiden: E. J. Brill, 1995.

BERNARD R. GOLDSTEIN and **JOSÉ CHABÁS.** "The Maximum Solar Equation in the Alfonsine Tables." *Journal for the History of Astronomy* 32, 4 (Nov. 2001): 345-48.

FEZA GÜNERGUN. "Diseases in Turkey: A Preliminary Study for the second half of the 19th century." In *The Imagination of the Body and the History of Bodily Experience*, ed. S. Kuriyama, pp. 169-91. International Research Center for Japanese Studies, Kyoto (Japan), 2001.

——. *Türkiye'de Bilim, Teknoloji ve Tıp Tarihi Calismalari (1973-1998) [Bibliographical Studies in History of Science, Technology and Medicine in Turkey (1973-1998)]*. Ed. F. Günergun, I.U. Edebiyat Fakültesi Yay. No. 3421, Ankara 2000. VIII + 604 pp. The present book lists most of the publications made on history of science, technology and medicine in Turkey during the past 25 years.

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——. "Methodology of Arab Scientists of Agriculture in the Propagation and the Establishment of Plants." *Mansoura University Journal of Agricultural Sciences* 21, 5, 1996.

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——. *History of Ottoman Geographical Literature*. Ed. by E. İhsanoğlu. Series on History of Ottoman Scientific Literature No. 3. 2 volumes. Istanbul, 2000.

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———. “Essay Review of *The History and Practice of Ancient Astronomy* by James Evans.” *Early Science and Medicine* 5,4 (2000): 394-5.

LEIF STENBERG. *The Islamization of Science: Four Muslim Positions Developing an Islamic Modernity*. Lund Studies in History of Religions. Vol. 6, 1996. [The four persons discussed are: the French convert and physician M. Bucaille, the Persian-American scholar S. H. Nasr, the British-Pakistani author Z. Sardar, and the Arab-American scholar I. Raji al-Faruqi]

———. “Seyyed Hossein Nasr and Ziauddin Sardar on Islam and science: marginalization or modernization of a religious tradition.” *Social Epistemology* 10 (1996): 272-87.

ANNE TIHON, RÉGINE LEURQUIN and CLAUDY SCHEUREN. *Une version byzantine du Traité sur l’astrolabe du Pseudo-Messahalla*. Vol. X. Academia-Bruylant, Louvain-la-Neuve, 2001. 96 pp.

GLEN VAN BRUMMELEN. “The Astronomical System in Mūsā ibn Nawbakht’s Astrological Treatise, the *Kitāb al-Kāmil*.” *Centaurus* (1999): 213-43.

———. “Mathematical Methods in the Tables of Planetary Motion in Kūshyār ibn Labbān’s *Jāmi’ Zīj*.” *Historia Mathematica* 25 (1998): 265-80.

———. “Jamshīd al-Kāshī: Calculating Genius.” *Mathematics in School* (September 1998): 40-44.

——— (and **Kenneth Butler**). “Determining the Interdependence of Historical Astronomical Tables.” *Journal of the American Statistical Association* 92, no. 437 (March 1997): 41-48.

7. WORK IN PROGRESS

MOHAMMED ABATTOUY. “Al-mikānīkā fī al-gharb al-islāmī: al-wad‘ al-ishkālī wa-ba‘d ma‘ālim al-hudūr.” In *La Science au Maghreb médiéval. Conference organized in Marrakesh (Feb. 10-13, 2000)*. Rabat: The Faculty of Letters. [in press]

S. M. R. ANSARI. “Islamic Astronomy in India During 16th - 18th Centuries and its Interaction with the Traditional Astronomy.” *Proceedings of the Conference to Commemorate the 500th Anniversary of Tantrasanahagarha by Nilakantha Somayaji, held in Chennai, March 11- 13, 2000*. Ed. S. Sriram, (Indian Institute of Advance Studies), Simla. [in press]

———. “Practical Astronomy in Indo-Persian Sources.” Paper presented at the Joint Discussion on Applied Historical Astronomy, held during the 24th General Assembly of the International Astronomical Union, and organized by the Commission 41 (History of Astronomy), in Manchester (UK), Aug. 11, 2000. To be published in the *Bulletin Astronomical Society of India*, ed. H.C. Bhatt, (Indian Institute of Astrophysics), Bangalore/India.

BENNACER EL BOUAZZATI is editing a book entitled *Science and Scientific Thought in the Medieval Islamic West* [the proceedings of the roundtable of February 2000 GRHPS, Rabat, Morocco conference].

CHARLES BURNETT, MICHIO YANO and **KEIJI YAMAMOTO**. The edition of al-Qabiṣī's *Introduction to Astrology and Testing of the Astrologers* (Arabic and English Versions of both texts, and Latin version of the former), is in the final stages of preparation and should be published by the Warburg Institute in 2002.

EDWARD KENNEDY continues to work on Battānī's "On the Indications of Conjunctions and Eclipses." He is working on the commentary; **George Saliba** worked on the text, and the two did the translation.

UNESCO. "Science and Technology in Islam." Vol. 4 of a 6-vol. work entitled *The Different Aspects of Islamic Culture*.

8. INSTITUTIONS

GRADUATE PROGRAM AT YALE. The Department of Near Eastern Languages and Civilizations at Yale University has an extensive program in Graeco-Arabic studies and in science and philosophy in the Islamic world. Interested students may check their website at <http://www.yale.edu/nelc/> or write directly to dimitri.gutas@yale.edu

HISTORY OF SCIENCE IN ISLAMIC CIVILIZATIONS AT THE UNIVERSITY OF OKLAHOMA. The Department of the History of Science at the University of Oklahoma offers courses in Arabic/Islamic science and the opportunity to pursue advanced degrees (both Master's and Doctoral) in this area. Interested students may obtain information about the Department and application procedures at <http://www.ou.edu/cas/hsci/> or email jragep@ou.edu.

9. RESEARCH / CONFERENCE REPORTS

CHARLES BURNETT, MICHIO YANO and **KEIJI YAMAMOTO**. Future projects include editions of al-Bīrūnī's *Kitāb al-taḥfīm*, a new Arabic edition with English translation of Abū Ma'shar's *Great Introduction to Astrology*, the Arabic and Latin versions (with an English translation) of Abū Ma'shar's *Revolution of the Nativities*, and the Medieval Arabic and Latin versions of Ptolemy's *Tetrabiblos*.

RAINER BROEMER reports that Aberdeen Univ. (Scotland) has a substantial collection of Arabic manuscripts and papyrus fragments from Fayyum. The fragments seem to be mostly private correspondence of the 2nd and 3rd century AH, potentially relevant for social historians of early Islam. Revel Coles, from the Ashmolean Museum in Oxford who made the

photos 25 years ago, said that there are around 45 frames with Arabic fragments mounted, so it seems to be more than just a few bits mixed with the larger Greek collection. While going through the "Untitled [nearly all of them] Oriental Manuscripts," Broemer found some more texts of potential interest for philological rather than history of science scholars (like Arabic copies of Kalīla wa-Dimna, Yudasaf wa-Barlaam, an Urdu translation of Majnūn Layla, etc.); he feels it would be worthwhile publishing a summary description of these holdings to make them known to scholars who might be interested.

JAN P. HOGENDIJK has done a detailed comparison between the editions of *Diocles' On Burning Mirrors* by **G. J. Toomer** (New York: Springer, 1976) and **R. Rashed** (Paris: Les Belles Lettres, 2000), and he has put the comparison on the internet in the form of a paper "Diocles on Burning Mirrors: A Tale of 209 Corrections," which can be downloaded via www.math.uu.nl/people/hogend/di.html

His review of Rashed's new edition of *Diocles' On Burning Mirrors* has appeared in the *Mathematical Reviews* database (number 1 789 376), and should appear in printed form by the end of the year.

A similar comparison between the editions of Ibn al-Haytham's *Completion of the Conics* by J. P. Hogendijk (NY: Springer, 1985) and by R. Rashed (London: Al-Furqan, 2000) can be downloaded via www.math.uu.nl/people/hogend/ihc.html

Any comments and reactions by colleagues are much appreciated (hogend@math.uu.nl)

Status Report on the History of Science in India 1997-2000. Indian National Science Academy, New Delhi. (Prepared by **Dr. A.N. Thakur** for the XXIst Int. Congress, History of Science)

10. TEACHING

BENNACER EL BOUAZZATI lectured on the "Haythamian science" January to March 2001 to postgraduate students of the Unit of Research in Islamic Thought, Faculty of Letters, Rabat.

AHMAD HALOUBI (Institute for the History of Arabic Science, University of Aleppo) taught courses on History of Botany and Pharmacology, History of Botany and Agriculture, and History of Agriculture and Irrigation, 2000/2001.

MOUSTAFA MAWALDI (Institute for the History of Arabic Science, University of Aleppo) taught a course on History of Mathematics, and a course on historical methods, editing manuscripts, and sources, 2000/2001.

11. THESES/DISSERTATIONS

12. OBITUARIES

Professor/Doctor Khaled Maghout died on July 8, 2000. He was Director of the Institute for the History of Arabic Science,

Aleppo, Syria from 1981 until his death. He was also President of the Syrian Society for the History of Science. Both institutions jointly held a Commemorative Celebration in his honor September 19, 2000. Born in Salamiah, Syria in 1932, he obtained a B.S. in Mathematics and the Higher Diploma in Education from the Syrian University, Damascus in 1955 and a Ph.D. in Mathematics from Université de Paris, 1962. He will be missed and fondly remembered by the international family of scholars working in the field of history of Arabic science.

13. AWARDS/ ELECTIONS/ NEW POSTIONS

- **THE ROCKEFELLER FOUNDATION FELLOWSHIP PROGRAM IN THE HUMANITIES, History of Science Program, The University of Oklahoma announces the 2001-2002 Fellows:**

— **IHSAN FAZLIOĞLU** is an Instructor in the Department of Philosophy at Istanbul University, where he received his Ph.D. in 1998 after completing coursework in both philosophy and mathematics. His dissertation was on the “Quantity Problem in Aristotle with Special Reference to the Islamic-Ottoman Heritage.” Among his recent publications are: “The Foundation of Scientific Tradition in the Ottoman World and Dāvūd el-Kayserī,” *Collected Papers of the International Dāvūd el-Kayserī Symposium* (Kayseri 1998), pp. 25-42; “Critical Reading of a Concept Related to Islamic Civilization: Ilmu’d-dunya ve Ilmu’d-dīn (Knowledge of the World and Knowledge of Religion),” *Divan: Journal of Science and Arts* (Istanbul 1996/2): 217-24; Ibn el-Havvām (d. 724/1324), “His Books and the Chapter on Unsolved Problems in el-Fevāid el-Bahāiyye fī el-Kavāid el-Hisābiyye,” *Journal of Ottoman Science Researches* (ed. Feza Günergün) (Istanbul 1995), pp. 69-128 (English summary, pp. 364-7); and numerous contributions to the *Encyclopedia of Islam* (TDV Foundation), *the Encyclopedia of the Ottomans: Their Biographies and Works, and History of Ottoman Astronomy Literature*.

At the University of Oklahoma, Dr. Fazlioğlu will work on a project entitled “Reconsidering the Response of Ottoman Scholars to Early Modern European Science, 1600-1800.”

— **JOHN WALBRIDGE** is Associate Professor of Islamic Studies (Dept. of Near Eastern Languages) at the University of Indiana in Bloomington, Indiana (USA). In 2000-2001, he spent the academic year in Pakistan working on “A Social And Intellectual History of Logic in Pakistan,” and also spent some time in Summer 2001 in Istanbul working on “Stoic Materials in Islamic Texts.” Among his recent publications are: *The Wisdom of the Mystic East: Suhrawardi and Platonic Orientalism* (Albany 2001); *The Leaven of the Ancients: Suhrawardi and the Heritage of the Greeks* (Albany 2000); *The Science of Mystic Lights: Quṭb Al-Dīn Shīrāzī and the Illuminationist Tradition in Islamic Philosophy* (Cambridge, MA, 1992); “Explaining Away the Greek Gods in Islam,” *Journal of the History of Ideas* 59/3 (1998): 389-403.

At the University of Oklahoma, Prof. Walbridge will work on a project entitled “Rationalism in the Islamic Seminaries.”

For more info: <http://www.ou.edu/islamsci/Rockefeller.htm>

FEZA GÜNERGÜN was designated head of the Division for History of Science (Department of Philosophy, Faculty of Arts, Istanbul University) upon the retirement of its former head and founder Ekmeleddin İhsanoğlu in January 2001.

EKMELEDDİN İHSANOĞLU has been granted the “State Medal and Title for Distinguished Service” by Süleyman Demirel, the ninth President of the Republic of Turkey.

Dr. İhsanoğlu was also granted the first “Honorary Doctorate” degree bestowed by the Azerbaijan Academy of Sciences.

He was also elected President of the International Union of the History and Philosophy of Science (Division of History of Science) at the XXI International Congress of History of Science in Mexico City, July 2001.

ABDUL NASSER KAADAN was granted honorary membership of the Executive Council of the Ibn Sina Academy of Medieval Medicine & Sciences (IAMMS) of India.

E. S. KENNEDY was presented Jordan’s Independence Medal of the First Order by H.R.H. Prince Hassan in appreciation of his research and contributions to the field of the history of Islamic science. The ceremony took place August 2001 in Amman, Jordan at the Institute for Inter-Faith Studies conference (see p. 3).

ELAHEH KHEIRANDISH has been awarded a Dibner Institute Fellowship for 2001-02 to continue her work entitled “The Optical Traditions of Ancient Alexandria and Their Transmission within Near Eastern and European Lands: 300 B.C.-1300 A.D.”

DAVID A. KING was awarded the World Yearbook Prize of the Islamic Republic of Iran for his book, “World Maps...” as the best book relating to Iran published outside Iran in 1999. Since he could not attend the ceremony, Mohammad Bagheri received the award on his behalf.

Dr. King will also be honored by a conference celebrating his 60th birthday entitled, “Certainty, Doubt, Error: The Production of Knowledge and its Impediments in the Practice of Pre- and Early Modern Science” (see **Forthcoming Events**)

KIM PLOFKER has been appointed to a second year as a Dibner Institute Postdoctoral Fellow for 2001-02 to continue her research on Indian and Islamic mathematical and astronomical traditions.

F. J. RAGEP has been named Co-director of the Center for Peace Studies (International Programs Center) and Coordinator of Middle East Studies at the University of Oklahoma, in addition to being Professor in the History of Science Department.

YUNLI SHI has been awarded a Dibner Institute Postdoctoral Fellowship for 2001-02 to continue his research project entitled “European Background of Jesuit Predictive Astronomy in 18th-Century China.”

14. JOBS/FELLOWSHIPS/GRANTS

- **THE DIBNER LIBRARY RESIDENT SCHOLAR PROGRAM.** The Program awards stipends of \$2,500 per month for up to six months to individuals working on topics relating to collections in the Dibner Library of the History of Science and Technology. Historians, librarians, and predoctoral students and postdoctoral scholars are invited to apply.

Interested scholars should submit an application by **March 1, 2002**. To be competitive, the application should describe in detail how the applicant intends to use the collections of the Dibner Library.

For more information about the Dibner Library of the History of Science and Technology and its holdings, consult the website: www.sil.si.edu/Branches/dibner.htm

ROCKEFELLER FOUNDATION FELLOWSHIPS THE UNIVERSITY OF OKLAHOMA.

“Scientific Communications and Exchanges Between Islam and Europe: The Making of the Modern World 1300-1800.”

The History of Science Program at the University of Oklahoma invites applications for its Rockefeller Foundation Fellowship Program. The 2002-2003 program focuses on scientific interrelations between Europe and Islam during the period 1300-1800 and on comparisons between their respective scientific traditions. Possible topic areas include transmission of scientific ideas between Islam and the West, the roles of various communities and travelers in this transmission, how political and economic factors influenced the transmission of science, and comparisons of knowledge structures and the institutionalization of knowledge between Islam and Europe.

Fellows will be associated with the History of Science Program, which has seven core members who teach and conduct research in multifaceted aspects of the history of science from ancient to modern times. A central resource of the Program is the noted 88,000-volume History of Science Collections. The Middle East Studies Faculty includes five members who cover the ancient Near East, medieval Islam, Judaic Studies, the history of science and philosophy in Islam, and the modern Middle East.

Two fellowships will be awarded for 2002-2003 to scholars with doctorates or equivalent background in appropriate fields. The 9-month fellowship carries a stipend up to \$32,000, with benefits including a budget for travel and research expenses.

Applications are due February 1, 2002.

For further information and application forms, please contact **F. Jamil Ragep**, Department of the History of Science, The University of Oklahoma, 601 Elm, Room 622, Norman, OK 73019-3106 USA; Tel.: (405) 325-2213; Fax: (405) 325-2363; Email: jragep@ou.edu; Website: <http://www.ou.edu/islamsci/Rockefeller.htm>

For an application form: Smithsonian Institution Libraries, Dibner Library of the History of Science and Technology, Resident Scholar Program, NMAH 5016, MRC 630, Washington, DC 20560-0630; Email: libmail@sil.si.edu; Website: www.sil.si.edu, (then click on *Research Grants and Internships*)

(NOTE: For Dibner Institute Postdoctoral Fellowship information, go to <http://dibinst.mit.edu/default.htm>)

- **THE CENTER FOR THEOLOGY AND THE NATURAL SCIENCES (CTNS) *Science and Religion Course Program*** offers a series of resources to support scholars & faculty in their teaching of science & religion:

- \$10,000 awards for new course syllabi
- Introductory and Advanced Workshops
- Specialized Conferences
- Regional Support
- Publications
- International network of leading scholars

To apply for the Course Award Competition, visit www.ctns.org. Proposals must be received by **15 February 2002**. If you have any questions email: srcourse@ctns.org.

15. EXHIBITIONS/EXHIBITS/ DISPLAYS

- **ISLAMIC MEDICAL MANUSCRIPTS AT THE NATIONAL LIBRARY OF MEDICINE:** <http://www.nlm.nih.gov/hmd/arabic/arabichome.html>

—For students, the site includes an extensive glossary of medical, scientific, and book-production terminology linked to the text. For advanced scholars, the site provides a catalogue (including images) from the 300 or so Persian and Arabic manuscripts in the National Library of Medicine. Most of these manuscripts deal with medieval medicine and science and were written for learned physicians and scientists. Some of the manuscripts are richly illuminated and illustrated.

- **LEIDEN UNIVERSITY:**
 - A virtual exhibition on Yunani Tibb, the Greek-Islamic medicine in India and Pakistan (Leiden University): <http://www.etcl.nl/bc/tentoonstelling/yunani/default.htm>
 - The homepage of the Special Collections (Leiden University Library): <http://bc.leidenuniv.nl/>
 - Oriental collections web site: <http://bc.leidenuniv.nl/olg/default.htm>

- **MUQARNAS.** Project at the Institute for Scientific Computing, Heidelberg (courtesy of **Yvonne Dold**): <http://www.iwr.uni-heidelberg.de/iwr/ngg/Muqarnas/>
- **HOME PAGE OF SCIENCE HERITAGE CENTER, CAIRO UNIVERSITY:** <http://www.frcu.eun.eg/www/universities/html/shc/index.htm>

APPENDICES

SCIAMVS. Sources and Commentaries in Exact Sciences. Volume 2, April 2001. Kyoto, Japan

CONTENTS

- K. Muroi**, Reexamination of the Susa Mathematical Text No. 12: A System of Quartic Equations
- R. Netz, K. Saito** and **N. Tchernetska**, A New Reading of *Method* Proposition 14: Preliminary Evidence from the Archimedes Palimpsest (Part 1)
- J. L. Berggren** and **Glen Van Brummelen**, Abū Sahl al-Kūhī on Rising Times
- J. Hogendijk**, The Geometrical Works of Abū Sa'īd al-Ḍarīr al-Jurjānī
- K. Takahashi**, A Manuscript of Euclid's *De Speculis*: A Latin Text of MS 98.22 of the Archivo y Biblioteca Capitulares de la Catedral, Toledo
- A. Jones**, Pseudo-Ptolemy *De Speculis*
- P. D. Napolitani** and **Jean-Pierre Sutto**, Francesco Maurolico et le centre de gravité du paraboloïde
- S. Ikeyama** and **K. Plofker**, The *Tithicintāmaṇi* of Gaṇeśa, A Medieval Indian Treatise on Astronomical Tables

N. POURJAVADY and **Ž. VESEL** (eds). *Naṣīr al-Dīn Ṭūsī, philosophe et savant du XIII^e siècle*. (Actes du colloque tenu à l'Université de Téhéran, 6-9 mars 1997). Téhéran, Presses Universitaires d'Iran/Institut Français de Recherche en Iran, 2000.

TABLE OF CONTENTS

- W. Madelung**, To see all things through the sight of God: Naṣīr al-Dīn al-Ṭūsī's attitude to Sufism
- H. Landolt**, Kh^wāja Naṣīr al-Dīn Ṭūsī (597/1201-672/1274), Ismā'īlism, and *Ishrāqī* Philosophy
- C. Jambet**, Idéal du politique et politique idéale selon Naṣīr al-Dīn Ṭūsī
- F. Daftary**, Naṣīr al-Dīn Ṭūsī and the Isma'īlis of the Alamūt Period
- A. S. Melikian-Chirvani**, Kh^wāja Naṣīr and the Iranian Past
- G. Saliba** and **E. S. Kennedy**, The Spherical Case of the Ṭūsī Couple (reprint from *Arabic Sciences and Philosophy* I (1991), pp.285-291)
- F. J. Ragep**, The Persian Context of the Ṭūsī Couple
- E. Kheirandish**, A Report on Iran's 'Jewel' Codices of Ṭūsī's *Kutub al-Mutawassīṭāt*
- Ž. Vesel, I. Afshar** and **P. Mohebbi**, "Le Livre des Pierres pour Neẓām [al-Molk] (*Javāher-nāme-ye Neẓāmī*)" (592/1195-6): La source présumée du *Tansūkh-nāme-ye Ilkhānī* de Ṭūsī
- S. Tourkin**, Copies of Naṣīr al-Dīn al-Ṭūsī's Treatise on the Astrolabe and Commentaries on it in the Manuscript Collection of the Institute of Oriental Studies, St. Petersburg
- S. Sadjed-Orsini**, La lettre de Naṣīr Ṭūsī à Malik al-Nāṣir
- F. Richard**, Les "portraits" de Naṣīr al-Dīn Ṭūsī

E. Alexandrin, Éléments de bibliographie sur Naṣīr al-Dīn Ṭūsī
S. Tourkin, Bibliography on al-Ṭūsī (Works in Russian)

حسین معصومی همدانی / استاد بشر

نصر الله پورجوادی / عرفان خواجه نصیر در

« اوصاف الاشراف »

محمد فشارکی / ابداعات خواجه نصیر در زحافات عروضی

سید ابراهیم اشک شیرین ، حسن رحمانی / کتابشناسی

خواجه نصیر الدین طوسی

(Message from the President *continued*)

The task before us is to provide a firm foundation to ensure both the continuity of these achievements and the further expansion of the Commission's activities through a greater involvement of scholars. Our first priority therefore is to set up policies and procedures to govern our activities as a corporate body. Such bylaws are necessary to give us a constitutional structure, clearly defining the function as well as the terms of election of executive officers, councilors, membership, voting, as well as the academic and professional responsibilities of the Commission.

Our activities should certainly encompass more than a meeting once every four years. In the coming months I would like us to consider what the role of the Commission should entail. To this end, we already have preliminary plans and would very much welcome your input.

We could play a substantial role not only in organizing additional seminars and symposia in between IUHPS meetings, but also in increasing access to research tools, and in creating a dialogue with other Commissions and societies.

We could explore how to effectively enhance the further incorporation of our fields into the broader history and philosophy of science—both in research and through teaching. In a divided world, recognition of the legacies in common through history of science and philosophy may serve to illuminate the unity or the close interconnections underlying cultural diversities, religious conflicts, and political strife.

As a multi-national body of scholars we have an immense opportunity to advance our profession. In our discipline, which should foster intellectual curiosity, pursuit of scholarship to the highest standards, and integrity, we could set an example and encourage the younger scholars who hold the future, thereby laying the ground for a lasting legacy.

In the coming months I hope to present an agenda for your consideration. Let us look forward to an exciting and dynamic period of developments. I hope that the Commission will bring all scholars together united by our common goals, which can only be achieved in a concerted effort in all areas.

I am pleased to be able to serve in office and will do my best to take the Commission further—with your help.

Gül A. Russell, President

(Message from the Secretary continued)

Sally Ragep and I have edited this year's Newsletter (Volume 7); Professor Comes (comes@lingua.fil.ub.es) will take over responsibility for both the printed and online Newsletter beginning in January 2002. The online listserve, however, will remain at islamsci@lists.ou.edu.

Wishing you all the best for a fruitful year.

F. Jamil Ragep

QUADRENNIAL MEETING OF THE COMMISSION ON HISTORY OF SCIENCE AND TECHNOLOGY IN ISLAMIC CIVILIZATION, July 11, 2001, Mexico City, Mexico

AGENDA

1. Report by the President
2. Report by the Secretary
3. Setting up a committee to draft bylaws
4. Current activities of Commission
5. Future projects which the Commission might undertake
6. Commission Webpage
7. Election of new officers

MINUTES

11:30 am: Meeting of Commission commences. Agenda passed out. Report by the Pres. **Julio Samsó** who provides a brief history of the Commission. He points out its growth and achievements over the years (e.g. the importance of establishing the webpage) while maintaining a relatively low cost of maintenance.

11:35: Report by the Secretary, **Jamil Ragep**. This includes review of past and present initiatives as well as recommendations and suggestions.

Attendance sheet passed around. Announcement of time and place of Commission session: "The Medieval Nexus: Scientific Transmission Within and from Islamic Lands." **Samsó** asks for comments.

Ekmeleddin İhsanoğlu reflects on Commission's origins. He commends its growth and development over the past 4 years, its success at disseminating information, and specifically acknowledges the work of **Jamil** and **Sally Ragep** regarding the creation of the webpage, and online Newsletter. He points out the importance of continuing to maintain a hard copy of the Newsletter. **S. M. R. Ansari** also reflects on Commission's past, the importance of the webpage, Newsletter (online and printed), and affirms the importance of the recommended projects presented by the Secretary in his report. **İhsanoğlu**, **Ansari**, and **Ragep** discuss the need for translating works from Arabic; also not restricting works to Arabic alone. **İhsanoğlu** mentions that a translation of the G.P. Matvievskaia and B.A. Rozenfeld book will be forthcoming; **Ansari** mentions that **Storey's** work needs to be translated (other than into Russian); **Ragep** recalls findings in Persian sources.

Ragep reviews various questions regarding the need for bylaws: dues, what constitutes a member, voting by non-attending colleagues; mentions he talked with **Gül Russell** and

Robert Halleux, Secretary General IUHPS-Division of the History of Science. General discussion on the need of the Commission to establish bylaws by studying the Union and other Commissions; **Samsó** points out the need to adapt rather than invent bylaws; **Gregg DeYoung** suggests the bylaws should be circulated *before* the next meeting.

12:05: VOTE. The 3 officers plus the 2 counselors elected today are charged with drafting bylaws before the end of 2004, 6 months before the next meeting. PASSED BY CONSENSUS

Ragep reviews Points 4, 5 & 6 of Agenda (activities/future projects of Commission): raising funds for scholars, online bibliography, updating Matvievskaia/Rozenfeld, scanning manuscripts for online access, organizing symposia and seminars, etc.; **Ragep** mentions many of these were ideas were raised by **Gül Russell**. **Ragep** also says that he is willing to continue maintaining the listserve and that the University of Oklahoma is willing to continue hosting the website for free. In addition, he states that **Elaheh Kheirandish** has designed a webpage for the Commission; it is agreed that there should be only one website for the Commission and that the new officers will determine how much of Kheirandish's webpage to implement.

Samsó: Point 7 (of Agenda): Motion to elect new officers. He summarizes past nomination process of Commission whereby nominees have been presented at the meeting and normally the VP would become President (in this case **Gül Russell**); the Secretary would become VP (**Jamil Ragep**); **Samsó** mentions his intent to nominate **Mercè Comes** for Secretary.

12:15: İhsanoğlu asks to adjourn for 5 minutes.

12:25: Commission reconvenes. Ballots distributed for voting. **Samsó nominates Gül Russell for President, Jamil Ragep for Vice President**. Since there are no other candidates, **Samsó** tells members to write either Yes or No on ballot
VOTE: 24 yes; 1 abstention

12:30: Samsó nominates Mercè Comes for Secretary and describes her qualifications. In response to a question about the role of the secretary and maintaining the website, again **Ragep** states his willingness to continue to maintain the listserve and website at the Univ. of Oklahoma. He explains that there should not be a problem working with the Secretary to add new members; he also reiterates that the listserve is a closed one, open only to scholars in the field in order to preserve its integrity.

12:35: VOTE: 25 Yes

In response to a question about the role of the 2 counselors, **Ragep** suggests that they are additional voices for the 3 executive officers should an issue arise; counselors can be called upon to do additional things if they are willing. **Ragep** nominates **Cemil Aydın**, a graduate of Istanbul University and presently a graduate student at Harvard Univ. and **Benno van Dalen**, presently at the Institut für Geschichte der Naturwissenschaften, Frankfurt. There are no other nominations.

12:50: VOTE: 23 Yes; 2 abstentions

1:50 pm: Ragep: Motion to adjourn until 2005.

Applause. Everyone leaves.

ELECTRONIC LINKS

- **HISTORY OF ISLAMIC SCIENCE WEBPAGE**
Access to the following information:
—the Commission on History of Science & Technology in Islamic Civilization
—RECENT NEWS
—past Newsletters of the Commission
—ADDRESS LIST of historians of science
<http://www.ou.edu/islamsci/>
- **NEWSLETTER: INTERNATIONAL SOCIETY FOR THE HISTORY OF ARABIC AND ISLAMIC SCIENCE AND PHILOSOPHY:** <http://www-phil.tamu.edu/Philosophy/sihspai/>
- **HISTORY OF ISLAMIC MATHEMATICS BIBLIOGRAPHY**
(courtesy of **Jan Hogendijk**):
<http://www.math.uu.nl/people/hogend/Islamath.html>
- **ROCKEFELLER FOUNDATION FELLOWSHIP PROGRAM AT THE UNIVERSITY OF OKLAHOMA**
<http://www.ou.edu/islamsci/Rockefeller.htm>
- **THE INTERNATIONAL SOCIETY FOR THE HISTORY OF ISLAMIC MEDICINE:** www.ishim.net

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