_____

Report of the ICHM to the IMU 2014-2018
June Barrow-Green (Chair)

From March 2014 to March 2018, the International Commission for the History of Mathematics (ICHM) has continued to pursue its dual aims of encouraging the study of the history of mathematics and of promoting a high level of historically and mathematically sophisticated scholarship in the field internationally. It has done so in the following ways:

Meetings of the Executive Committee (EC) of the ICHM

The EC meets at least four times yearly via e-mail to discuss matters of interest to the international history of mathematics community. Among the business discussed and the issues considered over the four-year period from 2014 to March 2018 were: the drafting by the IMU in consultation with the ICHM of ICHM terms of reference for inter-union commissions (these terms having been approved by the ICHPS/DHST at the ICHST2017 in July of 2017); the renewal and election of new officers and members of the Executive Council of the ICHM, as well as the appointment of national representatives to the ICHM; the approval each year of conferences and symposia for ICHM co-sponsorship (see below); the organization of symposia for the 25th ICHSTM (2016-2017); consideration and discussion of annual reports submitted by the Treasurer of the ICHM and the consideration and discussion of annual reports submitted by the editors of the ICHM's journal *Historia Mathematica*; the editorial transition of *Historia Mathematica*; the selection of the ninth Kenneth O. May Medallists and the selection of the third Montucla Prize winner (2016-17); symposium on history of mathematics for the ICM (2018); the migration of the ICHM webpage from a webpage hosted by the University of Zaragoza to a webpage hosted by the IMU for commissions of the IMU.

Conferences /Symposia/ Congresses

From 2014 to 2018, the ICHM contributed to, organized, or co-sponsored numerous conferences, symposia, and congresses internationally:

Special Sessions at the annual joint meetings of the American Mathematical Society and Mathematical Association of America (USA) (2015, 2016, 2017, 2018)

12th Austrian Symposium on the History of Mathematics (Miesenbach, Lower Austria, May 4-10, 2014)

Bolzano in Prague 2014 (Villa Lanna, Prague, Czech Republic, July 16-19, 2014)

Valediction to Jeremy Gray (Mercure Parkside House, Milton Keynes MK6 3LR, UK, September 11-12, 2014)

Memorial in Honor of Xu Yibao (VI ISACBRST, Borough of Manhattan Community College, City University of New York, USA, October 4, 2014)

History of Mathematical Sciences: Portugal and East Asia V – Visual and textual representations in exchanges between Europe and East Asia (National Tsing Hua University, Taipei, Taiwan, November 7-9, 2014)

Reading mathematics in the early modern world (All Souls College, Oxford, UK, December 18-19, 2014)

26th Novembertagung on the History of Mathematics (Università di Torino, Palazzo dell'Università di Torino, Torino, Italy, November 26-28, 2015)

International Conference *The Mathematical Sciences and the 20th Century Dictatorships* (Lisbon, December 10-12, 2015)

Mathematics Emerging: a tribute to Jackie Stedall and her influence on the history of mathematics (The Queen's College, Oxford, UK, April 9-10, 2016)

13th Austrian Symposium on the History of Mathematics (Miesenbach, Lower Austria, May 1-7, 2016)

Mathematical Biography: A Mactutor Celebration (St. Andrews University, Scotland, September, 16-17, 2016)

27th Novembertagung on the History of Mathematics (Aarhus University, Sandbjerg Gods, Denmark, November 24-26, 2016)

Symposia on the History of Mathematics at the 25th International Congress of History of Science, and Technology (ICHST), Rio de Janeiro, Brazil, July 23-29, 2017)

28th Novembertagung on the History of Mathematics (Centre for Logic and Philosophy of Science, Vrije Universiteit, Brussels, Belgium, November 2-4, 2017)

Full reports on all of these conferences may be found on the ICHM website at
http://darboux.mathunion.org/ichm/reports/activity-reports

Projects

1. The ICHM mounted and continues to maintain a webpage of its activities and of matters of interest to historians of mathematics internationally. See the ICHM website:
http://darboux.mathunion.org/ichm
2. The ICHM created and maintains an e-mail list of historians of mathematics internationally designed to inform colleagues in a timely manner of the ICHM's activities.
3. The ICHM continues actively to solicit and to co-sponsor special sessions and conferences internationally.

Publications

Historia Mathematica is the official journal of the ICHM. It appears four times annually and publishes roughly 525 pages of original research in the history of mathematics from all times and cultures. From 2014 to 2015, it was edited by Niccolò Guicciardini (Italy) and Thomas Archibald (Canada). From 2015 to 2016, it was edited by Thomas Archibald (Canada) and

_____

Reinhard Siegmund-Schultze (Norway). From 2017 has been edited by Reinhard Siegmund-Schultze (Norway) and Nathan Sidoli (Japan). It is published by Elsevier Science.

Medals and Prizes

The **Kenneth O. May Prize** is awarded every four years to a historian or historians in recognition of distinguished contributions to the history of mathematics. The Prize is administered by the ICHM.

> Kenneth Ownsworth May (1915-1977) was a distinguished American mathematician and historian of mathematics who spent the last ten years of his career at the University of Toronto. The first May prize was awarded in 1989; to date there have been 12 winners. The recipient of the Prize also receives the May Medal, a bronze medallion cast from a design created by the Canadian sculptor Salius Jaskus. A full list of past winners and citations for these awards may be found on the website of the ICHM (https://www.mathunion.org/ichm/prizes/kenneth-o-may-prize-history-mathematics).

> The two winners of the May Prize for 2017 were Eberhard Knobloch and Roshdi Rashed. The Prize was presented to Professor Knobloch by Craig Fraser, chair of the ICHM, in July 2017 at the International Congress for the History of Science and Technology in Rio de Janeiro, Brazil. The Prize was presented to Professor Rashed by Karine Chemla in Paris, in November 2017.

> For the full citations that accompanied the awarding of the May Prize to Professors Knobloch and Rashed, see Craig Fraser, "Awarding of the May Prizes for 2017," Historia Mathematica 44.4 (2017): 315–317.

The **Montucla Prize** is an honor established in 2009 by ICHM to recognize research in the history of mathematics. The prize is awarded every four years to the author of the best article published by a young researcher in Historia Mathematica in the four years preceding the International Congress of History of Science and Technology.

> The prize is named after the great eighteenth-century historian of mathematical science Etienne Montucla, one of the founders of the modern discipline of the history of mathematics. A full list of past winners and citations for these awards may be found on the website of the ICHM (https://www.mathunion.org/ichm/prizes/ichm-montucla-prize)

> The Montucla Prize for 2017 was awarded to: Jemma Lorenat, for "Figures real, imagined and missing in Poncelet, Plücker, and Gergonne," Historia Mathematica 42.2 (2015). The prize will be presented to Dr Lorenat by June Barrow-Green at the ICM in Rio in August 2018.
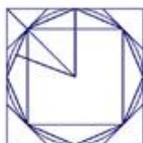
> For the full citation that accompanied the awarding of the Montucla Prize to Dr Lorenat see Henrik Kragh Sorensen, "Montucla Prize 2017," Historia Mathematica 44.4 (20137): 318-319.

_____

The members of the EC of the ICHM

From 2014 to July 2017, the ICHM was chaired by Craig Fraser (Canada). From July 2017, the ICHM has been chaired by June Barrow-Green. The EC's current members are: June Barrow-Green (United Kingdom), Chair; Niccolò Guicciardin (Italy), Vice Chair; Sloan Despeaux (USA), Secretary; Henrik Kragh Sørensen (Denmark), Treasurer; Thomas Archibald (Canada); Abdelmalek Bouzari (Algeria); Michela Malpangotto (France); Volker Remmert (Germany); Clara H Sánchez (Columbia); Galina Sinkevich (Russia); GUO Shirong (China). Ex officio members are: Craig Fraser (Canada), Reinhard Siegmund-Schultze (Norway) and Nathan Sidoli (Japan). The two IMU members are: Ciro Ciliberto (Italy) and Shrikrishna G. Dani (India). For a list of the current ICHM national members, see the inside cover of any recent issue of *Historia Mathematica*.

Financial Report (see over)

INTERNATIONAL COMMISSION ON THE HISTORY OF MATHEMATICS (ICHM)

Financial Report
Prepared by Henrik Sorensen (Treasurer)
20 February 2018

01 January 2014 to 20 February 2018

Balance per 01 January 2014

Salling Bank 7890 9454 775	USD	46854.77
Salling Bank 7890 9454 783	EUR	667.07
Salling Bank 7890 3402 887	DKK	0.00

Income	USD	EUR	DKK
Internal transfer	−22922.59	16066.94	18800.00
Royalties	20000.00	130.63	0.00
Society support[1]	3234.18	1107.00	9120.00
Conference returns	0.00	190.00	0.00
Total	311.59	17494.57	27920.00

Expenses	USD	EUR	DKK
Conference Support	−6125.00	−9482.76	−14900.00
Website	0.00	−600.00	0.00
Transfer Fees	−262.00	−129.05	−62.75
ICHSTM	−3719.45	−1995.00	−12352.43
Prizes	1000.00	−3534.08	0.00
Other representation[2]	0.00	−145.00	0.00
Total	−11106.45	−15885.89	−27315.18

Balance per 20 February 2018

Salling Bank 7890 9454 775	USD	36059.91
Salling Bank 7890 9454 783	EUR	2275.75
Salling Bank 7890 3402 887	DKK	604.82

Note 1: Funds received from the IUHPST
Note 2: ICHM representation at the funeral of Professor Ivor Grattan-Guinness.