

2021 Commission / Section Report

Please type your responses below each section. Please keep your responses as concise as possible.

GENERAL

Commission/Section's name:

International Commission on the History of Mathematics

Website URL:

<https://www.mathunion.org/ichm>

Names and affiliation of officers:

- **Chair: June Barrow-Green**
School of Mathematics, Faculty of STEM, The Open University
Milton Keynes MK7 6AA, United Kingdom
June.Barrow-Green@open.ac.uk
- **Vice-chair: Clemency Montelle**
University of Canterbury, New Zealand
clemency.montelle@canterbury.ac.nz
- **Secretary: Sloan Despeaux**
Western Carolina University, USA
despeaux@email.wcu.edu
- **Treasurer: Martina Schneider**
Johannes Gutenberg Universität Mainz
mschneider@mathematik.uni-mainz.de

Frequency of business meetings in the past year:

The Executive Committee had three business e-meetings together with email discussions on various topics. The Commission held an (online) Open Meeting on 26 July 2021 at the 26th ICHST 2021.

Subcommittees and their function (if any) with details of activities:

May Prize Committee 2020-2021 – constituted to draw up receive nominations and make recommendations for the May Prize, to be awarded at the 26th ICHST 2021.

Montucla Prize Committee 2020-2021 – constituted to make recommendations for the Montucla Prize, to be awarded at the 26th ICHST 2021.

Membership number of the Commission/Section (if formally constituted). Please also shortly describe the procedure for becoming a member (application, membership fee, etc):

There are 44 National Members of the ICHM: Algeria, Austria, Belgium, Belorussia, Brazil, Canada, China, Costa Rica, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Guatemala, Iceland,

Iran, Israel, Italy, Japan, Kazakhstan, Korea, Luxembourg, Mexico, Netherlands, New Zealand, Norway, Poland, Portugal, Russia, Saudi Arabia, Singapore, Slovak Republic, Spain, Sweden, Switzerland, Syria, Taiwan, Tunisia, Turkey, Ukraine, United Kingdom, USA. Individuals are listed at <http://www.unizar.es/ichm/members.htm>.

To become a member, countries apply to the ICHM EC, usually through a national learned society. There is no membership fee.

Changes made in the governance, statutes or organization structure:

New Members of Executive Committee, July 2021

Vice-Chair

Professor Clemency Montelle (University of Canterbury, New Zealand)

Ordinary Members

Adrian Rice (USA)

S. Mohammad Mozaffari (Iran/China)

ACTIVITIES

Please list only the activities supported or undertaken by the Commission or Section as such during the past year, not the individual activities or publications of its officers. Please give the link to the webpage where each reported activity is advertised. Details for grants can be given in the table below. If any budget was used for other reasons than grants please do explain how and why it was spent.

Conferences:

31st Novembertagung 26-28 November 2020 (online).

The ICHM provisionally awarded funding in the region of 2000€ for the Novembertagung 2020. When, due to the pandemic, the conference went from in-person to online, the funding was no longer required.

<https://novembertagung.wordpress.com/2020-axiomatics/>

Co-sponsorship of the Special Session on History of Mathematics at the (online) Joint Mathematics Meeting, USA. 8-9 January 2021.

<https://www.mathunion.org/ichm/reports/activity-reports>

Workshops and Symposia:

Five symposia at the joint **BSHM-CSHPM/SCHPM** Conference “People, Places, Practices”, St. Andrews, Scotland, UK in July 2021 (postponed from July 2020 due to Covid-19). Each of these symposia is organized by an early career scholar and includes early career scholars among the speakers. The ICHM had provisionally agreed to fund these early-career scholars to attend the conference but when the conference was postponed and changed from in-person to online, the funding was no longer required.

<http://www.mcs.st-andrews.ac.uk/bshm-cshpm/index.shtml>

Three ICHM symposia at the (online) **26th ICHST**, July 2021.

- *Evolution of Mathematics in China: Major Figures, Anonymous Contributors, and the Giants Among Them* (3 sessions - 12 talks)
- *Constructing interfaces between mathematical and physical conceptions and methods* (1 session - 4 talks)
- *Collaborations and Rivalries in the History of Mathematics* (2 sessions - 8 talks)

Publications: N/A

Outreach: N/A

Other activities supported:

May Prize (awarded every four years): 2557€ (two prizes, US\$1500 each, including transfer fees and currency conversion)

<https://www.mathunion.org/ichm/prizes/kenneth-o-may-prize-history-mathematics>

Montucla Prize for early career scholars (awarded every four years): 2596€ (two prizes, US\$1500, including transfer fees and currency conversion)

<https://www.mathunion.org/ichm/prizes/ichm-montucla-prize>

Early career scholar support

• **Grant Recipients (please add as many lines as necessary to the table):**

<i>Name and affiliation</i>	<i>Details of covered costs (please provide receipts)</i>	<i>Purpose of travel (e.g. Conference and title of paper delivered)</i>
Ellen Abrams	Conference Registration 161.62€	AMS/MAA (January 9, 2021), talk: 'Logical Fate' and 'Intellectual Wisdom' Cassius Keyser and the Humanism of Mathematics

FUTURE PLANS

Please do indicate for each of the planned activities, details of the estimated financial support, if any, that the commission or section is planning to provide for those activities.

Changes planned in governance, statutes or organization structure:

None

Conferences:

Novembertagung (November 2021): c.770€

- Technical Support for online activities: c.£350
- Grant for Dr Anna Ploszajski, for running a workshop for all participants on creative science story telling: c.£300

Co-sponsorship of the *Special Session on History of Mathematics at the Joint Mathematics Meeting*, Seattle, USA. 5-8 January 2022. Possible funding requests from early career scholars. Co-sponsoring the Special Session provides a good opportunity for the ICHM to promote its work and advertise its funding opportunities.

International Congress of Mathematicians, St Petersburg (July 2022) c.4000€

- Registration Fees, Travel and Accommodation for two Montucla Prize winners and two May Prize winners, each of whom have been invited to give a talk at the ICM.

Early Career Scholar Support

David Waszek. Conference fees for HSS-Conference (November 2021): c.175€

- Talk : Clever Artifice or Signpost to the Hidden Nature of Things? The Circulation of Leibniz's Analogy of Powers and Differences'

Workshops: N/A

Symposia: N/A

Publications: N/A

Outreach: N/A

Development of the website:

The ICHM website is maintained by the IMU as part of their website. There is no charge to the ICHM.

Other:

OTHER INFORMATION

Please provide any other information relevant to the activities and operation of your Commission / Section not already included above.

The Novembertagung, which is organised by early career scholars for early career scholars, is held every year in a different country. We consider this to be one of the most important meetings supported by the ICHM as it enables early career scholars to make contact with one another at an international level as well as having the opportunity to present their work in a supportive environment.

Due to Covid-19, many early career scholars have been denied the opportunity to participate in face-to-face conferences, and helping with funding their attendance at such conferences is usually the main way in which the ICHM offers them support. At the online Novembertagung 2020, we announced to early career scholars the availability of ICHM funding for support in different ways, such as registration fees for online conferences, , childcare grants for attendance at online conferences, cost of scans from overseas archives, etc.

FINANCIAL REPORT

Below we ask you to report both on the DHST funds used (including receipts) and an overall statement of the commission/section financial position.

Use of DHST funds in 2021

*It is required to submit electronic copies of **all** receipts and invoices in a single pdf file, separate from the present report, and to retain originals. For each of the three categories, we ask you to differentiate between the different costs that were made and to include a short description for each of those costs (e.g. under “Conference support” one could have “Grant for dr. X)*

The ICHM received no funding from the DHST in 2020, hence following table has been left blank.

Website	
Cost 1	
Cost 2	
....	
Administration costs	
Cost 1	
Cost 2	
...	
Conference support	
Cost 1	
Cost 2	
...	
TOTAL	

Overall statement of the Commission/Section's financial position.

Please do include the budget that was spent in 2021. For commissions, details of any surplus and other sources of funding should be included.

Budget on 01/01/2021	39,804.42€
INCOME:	
DHST grant (received)	0
Elsevier	5000€
Total Income	5000€
....	
COSTS:	
DHST grant (spent):	0
Administration	
Bank Fees	233.54€
Conference Support	
Grant for Dr Ellen Abrams	161.63€
Prizes	
2 Montucla Prizes for Early Career Scholars 2021	2596.44€
2 Kenneth O May Prizes 2021	2556.84€
...	
Total Costs :	5548.45€

Please indicate whether any conference support for 2021 has not been spent due to the COVID-19 pandemic; in that case please specify what use you plan to make of these funds in 2022 or in later years. These uses may include expenses related to online meetings, as well as workshops and conferences that include early career scholars among the speakers.

GRANT REQUEST

Please provide a clear statement of your grant request for the next year. For the estimated costs for conferences we ask you to keep this consistent with the details of the budget given under "FUTURE PLANS".

Please note that application may currently be made for:

- Up to EUR 1200 for website maintenance/development, increased online presence and online meetings, as well as workshops and conferences that includes early career scholars among the speakers. Please include details of planned developments and events, invoices, and/or names of supported earlier career scholars.
- Up to EUR 300 for administrative/operating costs,

Budget for the proposed use of grant requested from DHST for the next year

Website	
Costs	None
Administration costs	
Estimated Bank Fees	300€
Conference support	
Novembertagung	1000€
Individual Early Career Grants	200€
....	
TOTAL	1500€

Details account:

Please provide the details of the bank account to which the grant should be transferred

Account Currency: Euro

Name of Account Holder: International Mathematical Union

Address of Account Holder: Hausvogteiplatz 11a, 10117 Berlin, Germany

IBAN: DE79 1007 0848 0511 3915 11

Bank code (SWIFT/BIC): DEUTDEDB110

Address of the Bank: : Otto-Suhr-Allee 6, 10585 Berlin, Germany

E-mail contact for bank transfer: mschneider@mathematik.uni-mainz.de or

manager@mathunion.org