CIPSH Chair DMRCP
Diversity of Mathematical Research Cultures and Practices
Chair holder. Prof. Dr. Benedikt Löwe

DMRCP Senior Fellows. H. Andersen (Copenhagen), C. Antos-Kuby (Konstanz),
H. De Cruz (St Louis MO), K. François (Brussels), C. Greiffenhagen (Hong Kong), G. Heinzmann (Nancy),
M. Inglis (Loughborough), C. Jami (Paris), B. Larvor (Hatfield), U. Martin (Edinburgh & Oxford),
H. Mihaljević (Berlin), E. Müller-Hill (Rostock), R. Ramanujam (Chennai), D. Schlimm (Montréal QC),
B. Van Kerkhove (Brussels).

DMRCP Newsletter # 2
18 May 2023

First DMRCP Seminar Meeting.

The first DMRCP Seminar Meeting was held on Zoom on Friday 28 April 2023, 4pm Hamburg time. We had fifteen online participants; three of our members gave brief talks on their research interests: Matthew Inglis SF, Eva Müller-Hill SF, and Henrik Kragh Sørensen F. Plenty of time was given for informal discussion about general issues relevant for DMRCP members. Participants were very pleased with the informal format. The second DMRCP Seminar is planned for late June or early July 2023. More detailed minutes of the seminar are available to DMRCP members.

News from the DMRCP Fellowship.

On 29 March 2023, Council elected the following new DMRCP Fellows for a period of two years (1 April 2023 to 31 March 2025): Andrew Aberdein, Andrew Arana, Michael Barany, Emmylou Haffner, Juan Pablo Mejía-Ramos, Henrik Kragh Sørensen, and Keith Weber.

On 9 May 2023, Council elected the following new DMRCP Fellows for a period of two years (1 May 2023 to 30 April 2025): Bernhard Fisseni, Mikkel Willum Johansen, Mikkel Tvorup Moseholm, Alison Pease, Bernhard Schröder.

Valerie Therrien F will be the recipient of a *Wolfe Chair Graduate Fellowship in Scientific and Technological Literacy* for 2023–2024.

Benedikt Löwe was elected to membership in the *Academia Europaea* (MAE) in the Sections *Philosophy, Theology and Religious Studies* (in the class of *Humanities*) and *Mathematics* (in the class of *Exact Sciences*).

The following new papers were published:

1. Juan Fernández González & Dirk Schlimm SF, "From a Doodle to a Theorem: A Case Study in Mathematical Discovery," *Journal of Humanistic Mathematics*, Volume 13 Issue 1 (January 2023), pages 4-35.

2. Colin Jakob Rittberg F, "Justified Epistemic Exclusions in Mathematics," *Philosophia Mathematica*, 2023, nkad008.

3. Andrew Aberdein F, "Deep Disagreement in Mathematics," *Global Philosophy* 33, 17 (2023).

Activities.

Mathematics Education meets the Philosophy of Mathematical Practice Workshop, **12–14 June 2023**, organised by Yacin Hamami F, Matthew Inglis SF, Brendan Larvor SF, Keith Weber F.

Masterclass in the Philosophy of Mathematical Practices 2023 with Jean Paul Van Bendegem, **23–26 June 2023**, organised by Joachim Frans, Yacin Hamami F, Colin Rittberg F, Deniz Sarikaya F.

Presentation of new Fellows.

After taking a degree in computer network and telecommunications in 2016 in Tunisia, *Hala Khassiba* came to France for a master's degree in epistemology, history of science and technology in order to specialize in research but, this time, in a field that interests her, that is the history of computer science. Today, she is a Ph.D. student in the field epistemology and history of science, at the University of Lorraine attached to the Henri Poincaré laboratory in Nancy. Her thesis topic is *Nancy: a territory of digital innovation. Training and research in computer science, automation and mathematics at the Nancy Faculty of Science (1950–1980).* It aims to highlight Nancy's singularity in digital matters.

Tabea Rohr primarily works on the philosophy and history of mathematics and logic. She obtained her Ph.D. in 2018 from the University of Jena, where her thesis was on Frege's concept of logic. Afterwards, she was a visiting scholar at the *Archives Henri Poincaré* in Nancy. Currently, she holds a post-doctoral position at the *Laboratoire de linguistique formelle* in Paris, where she works on a project titled *Mathematical Hygiene*, combining sociolinguistics with the philosophy of mathematical practice.

Valerie Therrien is a Ph.D. candidate at McGill University under the supervision of Michael Hallett and Dirk Schlimm. She concentrates on the history of modern mathematics, particularly on the philosophically rich period known as the foundational crisis, from the end of the 19th century to the beginning of the 20th century, and the development of set theory. She is uniquely motivated by the question of why we have the mathematics that we have now. Much of her research centers around the notion that the 'importance' of given mathematical results and methodologies requires that these results or tools be put to use (or, that they be fruitful), which in turns require that communities of mathematicians recognize them as useful. As such, she divides her time between highlighting concerted research programmes aimed at promoting certain results or methods, as well as unearthing case studies of mathematical innovations that failed to be recognized by contemporaries, and investigating why some results and methods are adopted, whereas other—just as good results and methods—fail to be taken up by relevant mathematical communities.

As in our first newsletter, we mark the Fellows and Senior Fellows of DMRCP with the post-nominal letters 'F' and 'SF', respectively.

If you have any information to be included in the next newsletter, please e-mail Deborah Kant at `dmrcp.scientificcoordinator@cipsh.international`.