

SECTION MEETING

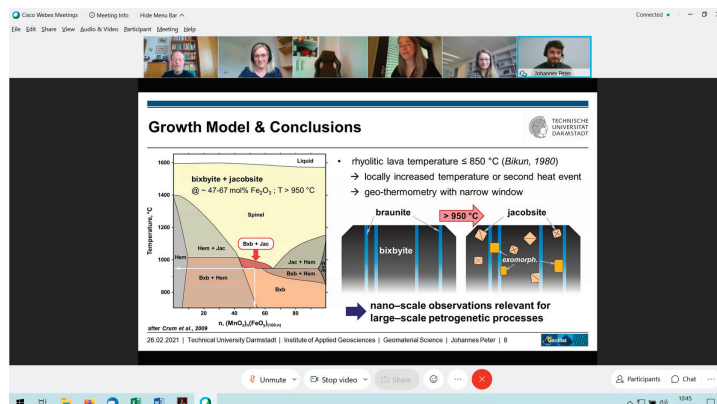
Crystallography and Applied Mineralogy Joint Workshop, 25–26 February 2021: Impressions from the Online Section Meeting

As in previous years, the annual joint workshop between the Crystallography and the Applied Mineralogy sections of the German Mineralogical Society (DMG) was due to be held in Bad Windsheim (Northern Bavaria) at the end of February 2021. Due to the COVID-19 pandemic, we had to switch to being a fully online virtual meeting instead.



Around 40 participants listened to 11 presentations that covered a wide range of themes in applied mineralogy and crystallography, including thermodynamic and archaeometric studies. The plenary lecture was given by Dr Rolf Wagner (Head of Product and Process Development at Rauschert Heinersdorf-Pressig GmbH) and entitled "Mineralogy in High-Tech Ceramics". Young scientists, in particular, took the opportunity to present their graduate or undergraduate research and display their knowledge of modern analytical techniques, e.g., in situ and real-time hyperspectral Raman imaging of phase transformations during thermal annealing of ceramic materials. Christiane Stephan-Scherb (Bundesanstalt für Materialforschung und -prüfung Berlin, BAM) and Uta Helbig (Nuremberg Institute of Technology) are thanked for organizing an interesting and perfectly structured online workshop. But we hope that the next meeting in 2022 can be in-person once again.

Klaus-D. Grevel (Friedrich-Schiller-Universität, Jena)



DMG AWARDS FOR YOUNG SCIENTISTS

The **Paul Ramdohr Award** is given for the best oral and poster presentation by a student at the annual meeting of the German Mineralogical Society (DMG). Student members of the DMG may apply when submitting an abstract for emc²⁰²⁰, which will be organized as an online conference from 29 August to 2 September 2021 by our Polish colleagues (see <https://emc2020.ptmin.eu/>). The application form can be downloaded from https://www.dmg-home.org/fileadmin/user_upload/Downloads/Form-Paul-Ramdohr-Preis_v2021.pdf.

In memory of the late petrologist and geochemist Beate Mocek, the **Beate Mocek Prize** of the German Mineralogical Society was created by her family to encourage young female scientists in the areas of petrology and geochemistry. Female undergraduate or PhD students who are members of the DMG are eligible to apply. Please submit your application by 30 June 2021 to DMG President Friedhelm von Blanckenburg (fvb@gfz-potsdam.de).

HONORARY MEMBER OF THE GERMAN MINERALOGICAL SOCIETY: CHRISTIAN CHOPIN



The DMG general assembly nominated Christian Chopin (École Normale Supérieure, Paris, France) as an honorary member in recognition of his more than 30 years of dedicated service to the *European Journal of Mineralogy (EJM)*.

Christian Chopin stepped down as Managing Editor of the *European Journal of Mineralogy* at the end of 2018. On this occasion, a special issue of *EJM* (v31) was published, dedicated to his contributions to the journal from its very beginning in 1989 up to 2019. The following text is largely taken from the preface to this special issue [Maresch WV, Armbruster T, Schertl H-P (2019) *European Journal of Mineralogy* 31: 661–663].

As a young scientist at the École Normale Supérieure in Paris, Christian Chopin became one of the first Chief Editors of the *EJM*. He represented the Société Française de Minéralogie et de Cristallographie (SFMC) when the *EJM* was launched in 1989 as a joint project between the three national mineralogical societies, the SFMC, the Società Italiana di Mineralogia (SIMP), and the Deutsche Mineralogische Gesellschaft (DMG). In 2001, he took over as Managing Editor from Christian Willaime. Over the course of 30 years, Christian Chopin saw many new developments in the *EJM*, and he was deeply involved in all of them. From the first, the stated goal of the *EJM* was to become the first truly European journal, and, in 1996, the European Mineralogical Union, which represents 27 national mineralogical societies from across

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EMPG-XVII

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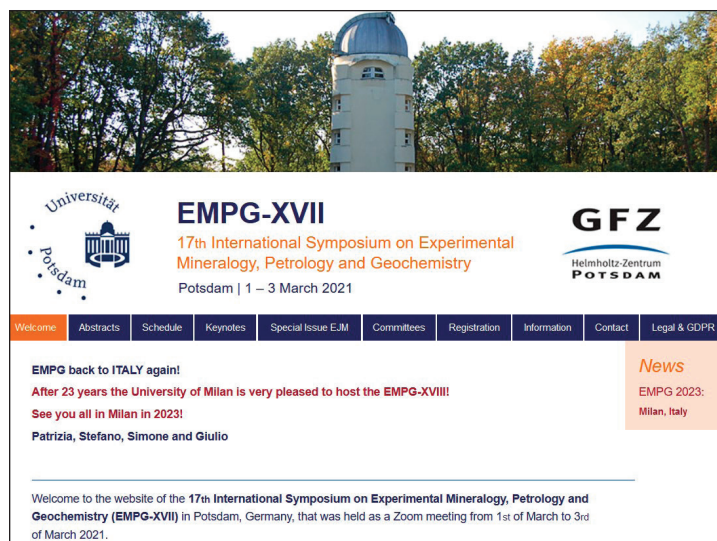
Europe, was invited to provide a Chief Editor and to join the Managing Committee. Other national societies were regularly invited to join the consortium as co-owners, with a designated Chief Editor and Managing Committee Member, with the stipulation that a joining society should give up publication of its national journal, just as the French, German, and Italian societies had done. On that basis, the Sociedad Española de Mineralogía (SEM, Spain's national mineralogical society) joined in 2004. In 2007, electronic publication was in place and the *EJM* had joined GeoscienceWorld (GSW) to make electronic files of papers available to a large audience. Nevertheless, copy-editing, proofreading, and blueprint checking still had to be done, and the inevitable glitches with authors needed to be ironed out. Despite offers of secretarial assistance, Christian Chopin took over all these chores. He was always dedicated to the ideals of a journal published by a learned society, one where scientists sacrifice their time for the benefit of other scientists by contributing to a low-cost but high-quality publication that has a rigorous peer review process to guarantee scientific quality. The four societies and co-owners of *EJM* have now voted to switch to gold open access beginning in 2020. For the first time in 30 years, Christian Chopin was watching this transition from the side lines, but still giving good advice when asked.

Considering the workload that the *EJM* imposed on Christian, it is amazing that he found the time to establish a fantastic scientific career as well. Christian is probably best known to every metamorphic petrologist in the world for his role in establishing a whole new area of research called ultrahigh-pressure (UHP) metamorphism. The key to this is the mineral coesite, a high-pressure polymorph of SiO_2 . No doubt the report of metamorphic coesite in crustal rock by Chopin (*Contributions to Mineralogy and Petrology*, 1984, v86, pp107–118) and in the same year by Smith (*Nature*, 1984, v310, pp641–644) is a milestone in the geosciences. Over the course of his career, Christian Chopin has published more than 100 papers in international journals. He has not only studied and mapped HP and UHP rocks in the field, he has also used high-pressure laboratory techniques and thermodynamic calculations to delineate the P – T stability fields of their constituent minerals and mineral assemblages.

His scientific career has received international acclaim. He was awarded the V.M. Goldschmidt Prize, which is the “young scientist” honor of the German Mineralogical Society. The European Mineralogical Union awarded him its Medal for Research Excellence. Christian also received the Buttgenbach Prize of the Royal Academy of Belgium, the Van den Broeck Medal of the Belgian Geological Society, and the Bronze Medal of the Centre National de la Recherche Scientifique. A new mineral, the high-pressure form of $\text{Mg}_3(\text{PO}_4)_2$, was named chopinite in his honor. In 2005, Christian Chopin was inducted into the prestigious Leopoldina, which the German National Academy of Science founded in 1652. Finally, in 2012, he became a member of the equally esteemed Accademia dei Lincei in Rome (Italy), founded in 1603.

Now, in recognition of 30 years of dedicated service to the *European Journal of Mineralogy*, the German Mineralogical Society awards Christian Chopin an Honorary Membership. Christian joins an elite group of scientists: in over 110 years of its existence, the DMG has only awarded 62 such honors. At present, there are 14 honorary members active in the society.

The 17th International Symposium on Experimental Mineralogy, Petrology and Geochemistry (EMPG-XVII) took place 1–3 March 2021 as an online event. This conference is a biennial meeting organized by the European community of experimental working groups. The meeting was originally planned to take place June 2020 in Potsdam (Germany) and to be organized by Section 3.6. of the GeoForschungsZentrum and the mineralogy group of Potsdam University. There were 133 abstracts submitted and presented, which were given in 5- or 12 minute presentations. In total, 230 people from Europe and overseas were registered for this online meeting, making it similar to previous meetings in international scope.



Contributions covered a wide range of subdisciplines within mineralogy, petrology, and geochemistry and touched on many topics of the solid Earth and planetology, as well as on applied and environmental subjects. The invited keynote speakers were Nadege Hilairiet (Lille, France), Kate Kiseeva (Oxford, UK; now in University College Cork, Ireland), Gleb Pokrovski (Toulouse, France) and Agnès Dewaele (Paris, France), all of whom presented their work and achievements to an appreciative and distinguished audience. Despite the limitations, there were very active discussions and exchanges, which took place as online discussions, as online chat, and by e-mail. Only the conference dinner on the Havel River will have to wait for the next EMPG meeting in Potsdam. Many thanks to everyone who helped organize this symposium, especially to Monika Koch-Müller, Beate Hein, and Tanja Klaka-Tauscher who tried twice to organize a real meeting. The next EMPG meeting will be organized by colleagues in Milan (Italy) in 2023 ... and will hopefully include an ‘in-person’ conference dinner.

Max Wilke · Potsdam