



Mineralogical Society of Poland

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THE 3rd EUROPEAN MINERALOGICAL CONFERENCE 2020 (30 AUGUST – 2 SEPTEMBER 2021)

All of us had hoped to meet in person in Cracow (Poland) in 2021 after the 3rd European Mineralogical Conference (EMC) meeting had been postponed in 2020. However, the pandemic situation was far from stable and the safer option had to be chosen: to have the conference on-line. We did not get to enjoy an ice-breaker party or have those long scientific discussions in one of Cracow's many pubs and cafes. We did, however, enjoy good science, almost flawless streaming, and have long scientific discussions via chat box and at virtual poster tables. We can even watch again some of the scientific events, such as the plenary talks and the one social (!) evening – a concert by Pinky Loops (<https://youtu.be/f2DW6P92IeI>). As an afterthought, online conferences have some advantages, such as quick transitions from one session to another (and without the persistent sound of a door closing and opening); but, despite that, we hope to be 'in person' for the 4th EMC in 2024.

The following plenary talks are available on YouTube: **Eiji Ohtani** (Tohoku University, Japan), "High Pressure Mineral Physics of the Deep Mantle and Core" (<https://youtu.be/0MuRnnJ9JAI>); **Mercedes Suárez** (University of Salamanca, Spain), "Smectites: The Key to the Millionaire Overheads in the Construction of the Third Set of Locks of the Panama Canal" (<https://youtu.be/rTnVsmCInFU>); **Diego Gatta** (University of Milan, Italy), "The Effect of Pressure on Open-Framework Silicates: Elastic Behaviour and Crystal-Fluid Interaction" (<https://youtu.be/oF4-7nUQx-I>); **Jan Środoń** (Institute of Geological Sciences PAN, Poland), "Illite and its Role in the Global Cycling of Elements" (<https://youtu.be/PFHkvCdcw6w>); **Gordon Brown** (Stanford University, USA), "X-ray Spectroscopic, Scattering, and Imaging Studies of Earth Materials and Processes: From the Nanoscale to the Global Scale" (<https://youtu.be/Gj7-kBE9g8E>); **Sergey Krivovichev** (Saint-Petersburg University, Russia), "At the Edge of Order: Structural Mineralogy in the New Millennium" (<https://youtu.be/fNiec4vDAqI>); **Daniel Vollprecht** (Montanuniversität Leoben, Austria), "Waste Mineralogy – Spotlights on an Interdisciplinary Research Field" (<https://youtu.be/GA6g0m5sq3A>).

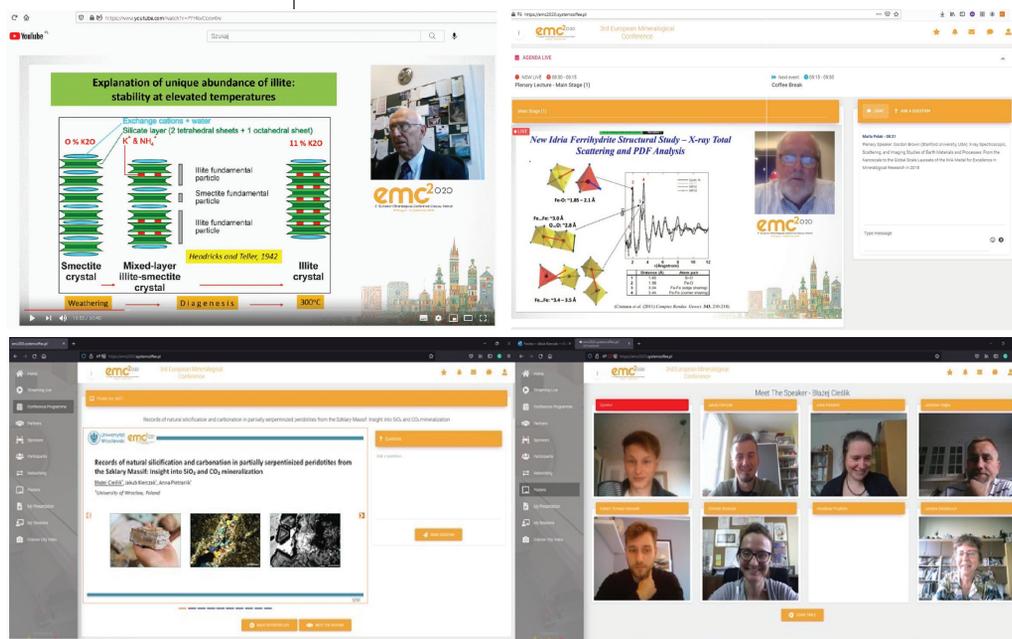
The 3rd European Mineralogical Conference was organized by the **Mineralogical Society of Poland** on behalf of the following European mineralogical societies: Deutsche Mineralogische Gesellschaft (DMG), Mineralogical Society of Great Britain and Ireland (MinSoc), Mineralogical Society of Finland, Österreichische Mineralogische Gesellschaft (ÖMG), Russian Mineralogical Society (RMS), Sociedad Española de Mineralogía (SEM), Société Française de Minéralogie et de Cristallographie (SFMC), Società Italiana di Mineralogia e Petrologia (SIMP), Swiss Society of Mineralogy and Petrology (SSMP), with the participation of European Mineralogical Union (EMU). The conference was attended by 531 participants (including 136 students) from 34 countries (see TABLE 1 for details) who presented 325 oral presentations and 129 posters. The meeting lasted five days, the first day being dedicated to two workshops: Workshop on Low Temperature Geochemical Modelling using PHREEQC, which was led by Mark Tyrer, Andy Watson, Vincent

Milesi, Julien Declercq; and Tackling the Issues of Quantitative X-ray Spectrometry: the Precise, the Inaccurate and the Artificial, which was led by Petras Jokubauskas and Bogusław Bagiński. The final moments of the conference included the Award Ceremony, with each society presenting their awards to scientists in recognition of their contributions to the mineralogical sciences.

TABLE 1 PARTICIPANTS OF THE 3rd EUROPEAN MINERALOGICAL CONFERENCE 2020.

Country	No of participants
Germany	120
Italy	116
Poland	90
Spain	39
France	27
Austria	23
United Kingdom	22
Switzerland	11
Canada	10
Finland, United States, Greece	9
Other	46

Thanks to the efforts of many members from all the above-mentioned European mineralogical societies it was possible to prepare a unique scientific event that contained a substantial list of scientific sessions and was accompanied by fruitful discussions, during both the oral and the poster sessions.



Remote reality during the 3rd emc2020. The Plenary Lectures of Jan Środoń live on YouTube and of Gordon Brown Jr. on the conference platform. Also shown is the virtual table with eight participants during a poster session.