



# The Clay Minerals Society

[www.clays.org](http://www.clays.org)

## THE PRESIDENT'S CORNER



Bruno Lanson

In my last President's Corner, I was hoping that the year 2021 would see the activities of the Clay Minerals Society (CMS) come back to normal. Unfortunately, the pandemic situation worldwide is not yet under sufficient control to allow this. The Association Internationale Pour l'Etude des Argiles (AIPEA), the Turkish Clay Science Society, and the CMS have, therefore, decided to postpone the 2021 International Clay Conference in Istanbul (Turkey) until July 2022. This will be the occasion to celebrate the 70<sup>th</sup> anniversary of the First National

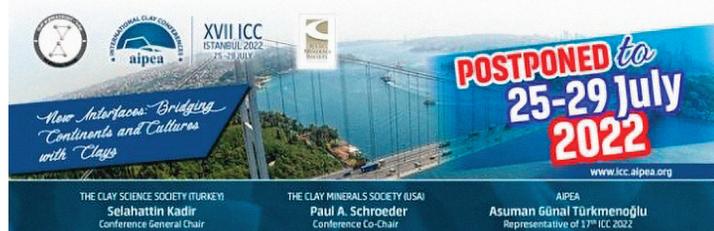
Conference on Clays and Clay Technology, which was organized in the US (<https://doi.org/10.1346/CCMN.1952.0010103>). All details on the 2022 conference may be found at <https://icc.aipea.org/>.

To maintain its key activity of disseminating scientific knowledge, the CMS has decided to organize an annual meeting and workshop for October 2021: such meetings have been going since 1952, first as the National Clay Minerals Committee and, later (since 1963), as the society we know today (<https://doi.org/10.1346/CCMN.1963.0120101>). The October meeting will be an on-line workshop devoted to the health applications of clay minerals. Details are being arranged as I write, but will likely be available from <https://www.clays.org/2021-meeting-2/> by the time you read this. The workshop is intended to be the first in a series of webinars that the CMS is preparing to ensure the continued broad dissemination and availability of both clay science basics, in the form of short classes taught by experts, and state-of-the-art developments in selected fields. Information will be available from the society's website (<https://www.clays.org>).

In the meantime, and as research activity is restarting or continuing, the CMS is putting some effort into replenishing its Source Clay repository (<https://www.clays.org/source-clays/>), a unique resource for well-characterized clays that has been used worldwide for a variety of studies as a means of assessing new data within the context of previous reports. Our goal is not only to replace our "successful" clays, which were recently exhausted, by others having similar mineralogy and composition but also to expand our catalogue with new clays or related materials. The Source Clay Committee of the CMS is working hard towards this goal, and I hope that in the near future we'll have the opportunity to report on new clays being offered, as we did for a new Australia montmorillonite in v16n6 of *Elements*.

I hope these actions and perspectives will be additional incentives to join us, either as new members or as volunteers on one of the standing committees of the CMS.

**Bruno Lanson** ([bruno.lanson@univ-grenoble-alpes.fr](mailto:bruno.lanson@univ-grenoble-alpes.fr))  
President, The Clay Minerals Society



## WARREN HUFF AWARDED MINERALOGICAL SOCIETY MEDAL



Dr Warren Huff (University of Cincinnati, Ohio, USA), a long-standing member of the Clay Minerals Society, will receive the 2021 Collins Medal of the Mineralogical Society of Great Britain and Ireland.

The Collins Medal is awarded annually to a scientist who, during a long and active career, has made an outstanding contribution to the pure or applied aspects of the mineral sciences and/or associated studies. Publications, teaching, outreach and other activities leading to the promotion of mineral sciences, in the broadest sense, are taken into account in making the award. Nominees do not have to be members of the Mineralogical Society or be nationals of Great Britain or Ireland.

## DECEMBER 2020 ISSUE OF CLAYS AND CLAY MINERALS

### Synthesis and characterization of montmorillonite-supported TiO<sub>2</sub> composites for enhanced UV absorption.

Daeyoung Kim, Daniel Kim, Jaehwan Kim, Changyun Park, Ki-Min Roh, Il-Mo Kang & Sung Man Seo

### Influence of the precursor and the temperature of synthesis on the structure of saponite.

Sebastian Meyer, Simona Bennici, Cyril Vaultot, Séverinne Rigolet & Liva Dzene

### Genesis of the Yarıkçı hydrothermal clay deposit within the Mesozoic metamorphic units, Mihaliççık, Eskişehir, Turkey.

Selahattin Kadir, Hülya Erkoyun, Tacit Külha

### Hydration properties of mechanically activated muscovite in the presence of calcium oxide.

Geng Yao, Tao Cui, Xianjun Lyu, Cosmos Anning, Junxiang Wang & Xianjun Lyu

### Ionicity of clay-cation bonds in relation to dispersive behavior of Mg and K soil clays as influenced by pH.

Yingcan Zhu, Alla Marchuk, John McLean Bennett

### Organo-modification of montmorillonite.

Yi Xuan Guo, Jia Hui Liu, Will P. Gates, & Chun Hui Zhou

### Naproxen/layered double hydroxide composites for tissue-engineering applications: physicochemical characterization and biological evaluation.

Marcela P. Bernardo, Bruna C.S. Rodrigues, Tamires D. de Oliveira, Adriana P.M. Guedes, Alzir A. Batista & Luiz H.C. Mattoso

### Polytypism of cronstedtite from Nagybörzsöny, Hungary.

Jiří Hybler, Zdeněk Dolníček, Jiří Sejkora, & Martin Števkó

### Co-modification of bentonite by CTAB and silane and its performance in oil-based drilling mud.

Miao Guo, Guangbin Yang, Shengmao Zhang, Yujuan Zhang, Chuanping Gao, Chunli Zhang & Pingyu Zhang

## IN MEMORIAM

Rossmann F. Giese

## CMS MEMBERSHIP RENEWAL

Don't forget to renew your membership for 2021!