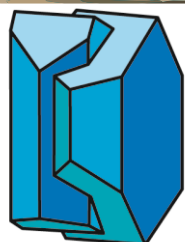




XVIII ICC  
Dublin, Ireland  
13–18 July 2025



Mineralogical Society  
of the UK and Ireland



Trinity  
College  
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The University of Dublin

16:05

Remote

The future of clay mineralogy: Soil Forensic Examinations Using Advanced Laboratory Source and Synchrotron XRD Techniques

**Fitzpatrick R.W.**, Raven M.D. and Self P.G.

16:25 — Break

## Lecture theatre 7-Davis

### Fundamentals of Tubular Nanoclays (session #25)

Nia Gray-Wannell, The James Hutton Institute, UK. Nia.Gray-Wannell@hutton.ac.uk

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Mingxian Liu, Jinan University, China, liumx@jnu.edu.cn

09:35

Student

Structure and Dynamics of Water Confined in Halloysite Nanotubes

**Pšenička, M.** and Pospíšil, M.

09:55

Integrated Computational and Experimental Approach for the Design of Halloysite Clay based Multifunctional Catalysts

**Lisuzzo, L.**, Lazzara, G., Guercio, L., Ferlito, F., Ferrante, F., Bertini, M., Palella, A., Aho, A., Spadaro, L., Murzin, D.Y. and Duca, D.

10:15

Student

Toward Green Catalysis with Halloysite–Gold Nanocomposites Materials

**Guercio, L.**, Ferrante F., Bertini M., Lisuzzo L., Ferlito C., Cavallaro G., Lazzara G., Duca D.

10:35

Filling halloysite nanotubes with functional materials

**Liu, M.X.**, Zhao, P.X., Feng, Y., Chen, X.Y. and Zhou, S.Q.

10:55 — BREAK

11:15

Patch halloysite as a clay precursor for hydrogel and multifunctional inorganic films

**Calvino, M.M.**, Lo Bianco, A., Cavallaro, G., Pasbakhsh, P., Lisuzzo, L., Milioto, S., Lvov Y., Lazzara, G.

11:35

Halloysite Nanotubes Under the Microscope: Potential Occupational Risks and Toxicity Indicators

**Fantini, R.**, Glossop, L., Malferrari, D., Castellini, E., Lassinantti Gualtieri, M., Hanuskova, M., Nodari, L., Ogor, J. and Gualtieri, A.F.