



**AMGUEDDFA
CYMRU**

MINERALOGY AND MUSEUMS 10

Programme



**Mineralogical Society
of the UK and Ireland**

**Amgueddfa Cymru -
Museum Wales, Cardiff
12–13 August 2024**

PROGRAMME

Sunday 11th August

- 15.00-17.00 Collection Visits, Amgueddfa Cymru – Museum Wales, Cardiff
17.00–19.30 Registration and Welcome reception at Temple of Peace

Monday 12th August

- 08.30 REGISTRATION
- 08.40-08.45 Welcome from Convenors J. Horák, T. Cotterell, A. Haycock, Dan Cox.
- 08.45-08.50 Welcome from Museum Wales
- 08.50–08.55 Welcome from IMA-CM M. Rumsey

Session 1: Mineral Museums and Mining Schools

- 08.55–09.00 Introduction J. Rakovan
- 09.00–09.20 Inspiration vs education: which goal dominates in your displays J. Rakovan
- 09.20-09.40 Increasing Visitor Appreciation and Engagement through a Diversity of Revenue Streams at a University Mineral Museum P. Cobin
- 09.40-10.00 Sustaining the Legacy and building the future of the A.E. Seaman mineral museum of Michigan Tech J. Jaszczak
- 10.00-10.20 **BREAK**
- 10.20-10.40 Safeguarding Mineral collections through targeted Acquisition and disposal policies S. Mills
- 10.40-11.00 On the purpose of a mineralogy collection at Paris School of Mines R. Bolzoni (Remote)
- 11.00-11.20 Yale’s minerals, mineralogy, and mineral collections through the ages S. Nicolescu (Remote)
- 11.20-11.40 Co-evolution of formal and informal educational engagement at a small university-based mineral museum E. Pyle
- 11.40-12.10 **The State and Status of Mineralogy in UK Museums** J. Faithfull (Keynote, Remote)
- 12.10-13.20 **LUNCH**

Session 2: Using Mineral Collections for Exhibition

- 13.20-13.40 Placelessness, Situatedness: Displaying Minerals in the Museum E. Armstrong

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| 13.40-14.00 | From the past to the future: the new exhibition of the Mineralogical collection of the Florence University Natural History Museum and its relocation to the "La Specola" | V. Moggi-Cecchi (remote) |
| 14.00-14.20 | Mont Saint-Hilaire - A national treasure: A new Exhibit at the Canadian Museum of Nature | P. Piilonen |
| 14.20-14.40 | Gems and Mineral Education at the Royal Treasure Museum, Lisbon | R. Galopim de Carvalho |
| 14.40–15.00 | Mineral museums as platforms for mineral outreach: examples from the Smithsonian NMNH | <u>G.A. Farfan</u> , C. Whitney (remote) |
| 15.00-15.10 | BREAK | |
| Session 3: Best Practices in Mineral Collection Management | | |
| 15.10-15.30 | Modernising a Historical Meteorite Collection | N. Almeida (remote) |
| 15.30-15.50 | An investigation of material changes occurring within mineral collections | K. Royce |
| 15.50-16.10 | Good things come in small packages: how to curate a micromount collection | N. Gabriel |
| 16.10-16.30 | Hazardous collections and Hazardous Storage – the perils of a mineral curator | R. Hansen |
| 16.30–16.50 | Cataloguing geo-mineralogical heritage in museum contexts through national standards. The Italian scenario | G. Pratesi (remote) |
| 16.50-18.00 | POSTERS | |
| 18.30 | Welcome Drink and Banquet (Leonardo Hotel) | |

Tuesday, 13th August

Session 4: Digitisation in Mineral Collection Management

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| 9.00-9.20 | A comparison of Collection Management Systems used by mineral museums | C. Im |
| 9.20-9.40 | Digital mineral data for museums – problems and solutions | J. Ralph |
| 9.40-10.00 | Preserving Earth's History: Curatorial Practices and Digital Initiatives at the Mineralogical and Geological Museum, Harvard University | R. Gnieski |
| 10.00-10.20 | Making Museums Victoria's mineralogy and petrology collections digitally accessible on AusGeochem - Australia's FAIR geochemical data platform | O. Lindenmayer |
| 10.20-10.40 | Digitization and Discovery: Addressing Collection Loss in Historical Museum Collections | R. Walcott (Remote) |

10.40-11.10 **BREAK**

Session 5: Mineral Collections & Societal Issues

- 11.10-11.30 Mines, Metals, Magnets, Museums. The Importance of Mineral Collections in the Search for Critical Resources B. Gooday (Remote)
- 11.30-11.50 Batteries and Beyond: Why Lithium Matters. Conveying societies' needs for minerals in exhibitry M. Felch
- 11.50-12.10 Mineralogical museums as a place to teach the need of raw materials M. Junge (Remote)
- 12.10-12.30 Using mineral collections to evaluate the environmental impact of mining in the Arctic H. Friis
- 12.30–12.50 Secondary tellurium minerals and the importance of well-maintained Museum collections O. Missen (Remote)
- 12.50-13.40 **LUNCH**

Session 6: History of Mineral Collections and Mineralogy

- 13.40-14.00 Researching Ruskin's Rocks R. Starkey
- 14.00-14.20 The global significance of the Ludlam (Heuland-Forster Mineral Collection at the Natural History Museum in London M. Rumsey
- 14.20-14.40 William Thomson; Lessons Learned from a Thrice-Forgotten Benefactor E. Brown
- 14.40-15.00 A review of the early history of copper- and iron-arsenate minerals in Cornwall and the necessity in preserving early mineral collections intact T. Cotterell
- 15.00-15.20 The influential role of museum collections in advancing mineralogical research Totaro, K. C. and Philippo, S.
- 15.20-15.40 **BREAK**

Session 7: Mineralogical Research

- 15.40-16.00 Discovering vargite – a new mineral in the newly installed akrochordite mineral group from the Långban Mn-Fe deposit, Filipstad, Värmland, Sweden J. Langhof
- 16.00-16.20 Rare and problematic secondary minerals in the Furnas Formation, Paraná Basin, Paraná, Brazil D. Atencio
- 16.20-16.40 Mn-hL: Research and new species S. Philippo (Remote)
- 16.40-17.00 Raman spectroscopy as an important analytical method in a mineralogical collection M. Kaliwoda
- 17.00-17.20 The importance of 'depth' in a mineral collection for research – implications for collaborative digitisation efforts and disposal strategies M. Rumsey

POSTERS

- Sunday Stones of Tyneside collieries S. Humphrey (Remote)
- The H.G. Dines collection of the Natural History Museum, London P. Milner
- Collectible Minerals of Jiangxi, China G. Liu
- The Musée national d'histoire naturelle de Luxembourg: collection priorities and research projects S. Philippo
- The O'Reilly-Griffin Mantle Xenolith Collection and the Storage Issues of Acquiring Large Volumes of Samples A. Smith
- Scientific Mediation, Research and Teaching Within The Sorbonne University Mineral Collection E. Boulard
- Conflict minerals in exhibitions – an opportunity for education D. Kleinschrot
- Guided tours and projects for children and young people on the topic 'How was the moon actually formed and what other phenomena are there in space?' M. Kaliwoda*, M. Junge
F. Joseph, J. Hahn, F. Hentschel, W.W. Schmahl