

Fermor Meeting 2017:

# Factory Earth

25-27 September 2017

The Geological Society, Burlington House

It is more than 10-years since the last detailed look at the role that volcanic and magmatic processes play in the role of ore deposits formation. The topic is still current and is ready for a wide-ranging reassessment. The meeting will address the fundamental controls on metal transport and deposition in magmatic systems and address questions such as: What role do sulfide melts play in metal transport? What are the key components of fertile magmas and how can they be identified? What role do volatiles and semi-metals play in transporting and depositing metals? How are ore metals concentrated during magmatic differentiation and transferred to the hydrothermal environment?

## Topics for discussion:

- Volcanic and ore processes: timescales and catastrophes
- Magmatic hydrothermal plumbing systems
- Sulfides through the crust: melts, minerals and volatiles
- Volatile compositions
- Magmatic and hydrothermal systems from mantle to surface

## Conveners:

Jon Naden, Dan Smith,  
Frances Cooper, Rich  
Siddle, Marie Edmonds,  
Mike Widdowson


## Registration fees:

GSI Fellows	£200
Non Fellows	£250
Retired	£150
Students	£130

## Further information:

For further information about the conference please contact:  
Naomi Newbold, Conference Office, The Geological Society,  
Burlington House, Piccadilly, London W1J 0BG

T: 0207 434 9944 E: [naomi.newbold@geolsoc.org.uk](mailto:naomi.newbold@geolsoc.org.uk)  
Web: [www.geolsoc.org.uk/fermor17](http://www.geolsoc.org.uk/fermor17)

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