

HIF, INFACT & TheiaX Short Course

Time CEST	Activity Day 1: Tuesday (8 June) Sustainable exploration and hyperspectral imaging	Activity Day 2: Wednesday (9 June) Machine learning in earth observation
09:00 - 09:30	House-keeping and welcoming	House-keeping and welcoming
09:30 - 10:45	Keynote: Jon Russill: Mineral Exploration in Europe: status, challenges and opportunities	Dr. Richard Gloaguen: Introduction
10:55 - 12:10	Dr. Moritz Kirsch: Innovative exploration technologies: Examples from the INFACT project	Keynote: Prof. Paul Scheunders: Unmixing and resolution enhancement
12:10 - 12:50	40 min Lunch break	40 min Lunch break
12:50 - 14:05	Dr. Sandra Lorenz: Multi-scale hyperspectral exploration: outcrop, drone, drill-core	Dr. Pedram Ghamisi: Classification and Fusion
14:15 - 15:40	Dr. Sam Thiele: Hylite Demo - Focus OCS: preprocessing /3D/ classifications	Dr. Behnood Rasti: Denoising and feature extraction
15:40 - 15:55	Tea-break	Wrap-up
16:00 - 16:50	Laura Tusa: TheiaX Special: Case study: applicability and advantages of DCS from exploration to mining	
16:50 - 17:00	Wrap-up	