



Stefan Farsang - IMA 2018 Report

I used the Travel Grant of the Mineralogical Society of Great Britain and Ireland to attend the 22nd Meeting of the International Mineralogical Association (IMA), which took place in Melbourne, Australia between 13-17 August 2018. I presented my talk entitled "The aqueous solubility of rhodochrosite in subduction zones" in the "Fluids, melts, element mobility and isotope fractionation in subduction zones: Petrological and geochemical insight" session. My project involves the measurement of Mn concentrations of high pressure and high temperature aqueous fluids in equilibrium with rhodochrosite. The fluid and the crystal were loaded in the diamond anvil cell and Mn concentrations were measured by synchrotron X-ray fluorescence spectroscopy at the European Synchrotron Radiation Facility. At IMA, I had a unique opportunity to discuss my project and network with my colleagues from all around the world. Attending numerous conference talks and poster sessions significantly broadened my Mineralogical horizons and the field trip to Philip Island with its picturesque cliffs provided a glimpse to the local geology. I would like to thank the Mineralogical Society of Great Britain and Ireland for supporting my junior colleagues and me to attend this extraordinary conference.