Contribution ID: **51**   Type: **Talk**

Research Software Engineering (RSE) groups in the UK and their relationship to HPC facilities

Wednesday, 6 December 2023 14:30 (20 minutes)

Research Software Engineers (RSEs) support researchers in generating efficient, correct and reproducible research, and in promoting the development of sustainable (and re-usable) software for research. This talk will introduce the concept of Research Software Engineering (RSE) Groups as an emergent outcome of the decade-long history of the RSE movement that originated in the UK; highlighting how such teams of RSEs are able to support researchers in their host institutions, including in promoting the use of in-house HPC facilities. It will also discuss the findings of the 'RSE Roadtrip' - an ambitious study of examples of RSE Groups at multiple UK universities. The aim of the 'RSE Roadtrip' is in understanding how RSE Group diversity (in terms of organisational context and other structural and functional features) affects member RSEs and group effectiveness, and in suggesting best practices for the formation and sustainability of RSE Groups (including inspiration for new approaches within the South African context).

Student or Postdoc?

Post-Doctoral

Primary author: Dr MARTIN, Kim (Stellenbosch University)

Presenter: Dr MARTIN, Kim (Stellenbosch University)

Session Classification: HPC

Track Classification: HPC Techniques and Computer Science