

Muon Galaxy: facilitating FAIR data analysis in muon science

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New features
Muon tools and workflows
Community expansion

Muon Spectroscopy Computational Project

Command-line modelling tools to complement experimental work
Leandro Liborio – SSI Fellowship – engages muon scientists with tools
Many users unfamiliar with CLIs – need a GUI



Open source web platform for FAIR data analysis
Workflow manager designed for reproducibility & sharing
Widely used in biological sciences
Easy to extend to new areas of research
Welcoming community

Muon:

Positively charged particle, 1/10 of the mass of a proton

Muon spectroscopy:

Implant muons in materials to study the physical properties of those materials.
Part of the wider field of materials science.

bit.ly/STFC-MSCP

Outcome:

Muon science is reproducible, more open, FAIRer & easier!

Build on existing platform
FAIR features for “free”

