ELIXIR Officer Profile

Name:	Michael R. Crusoe
Based in:	Freie Universität Berlin (guest scientist)
Function:	ELIXIR Officer of Integrative Bioinformatics Services / Co-founder and Lead at the Common Workflow Language Project
Topic:	Automated Scientific Workflow & Standards

Activities in ELIXIR

Platforms

- ELIXIR Interoperability Platform
- ELIXIR Compute Platform

Communities

- Galaxy

Publications

- **Crusoe et al**. Methods included: standardizing computational reuse and portability with the Common Workflow Language. Communication of the ACM. 2022.
- Lamprecht et al. Perspectives on automated composition of workflows in the life sciences. F1000Research. 2021.
- Gruening et al. Recommendations for the packaging and containerizing of bioinformatics software. F1000Research. 2019.
- Hillion et al. Using bio.tools to generate and annotate workbench tool descriptions. F1000Research. 2017.

Current Tasks

Platform Tasks

- ELIXIR Compute Platform Task 3 "Container Orchestration": WP3.2 Co-lead - user engagement and support (via ELIXIR-Netherlands)

Implementation Studies

- 2021-Containerservices: WP3: Technical support for providers (via ELIXIR-Netherlands)

Participation in EU Projects

Collaboration with others

- ELIXIR-Netherlands: Project Leader Compute Platform