

The future of data integration—shaping ELIXIR's Interoperability Platform with real-world use cases

Date: Monday 10th June, 16:00, Sal IV [link](#)

Chairs:

Wolmar Nyberg Åkerström
Nick Juty

Abstract:

This workshop will showcase how ELIXIR members at all levels can engage with [ELIXIR's Interoperability Platform \(EIP\)](#) to strengthen their expertise and access information resources. It is organised by the EIP and focuses on the activities that drive its transition to a sustainable framework for enabling real-world data integration and reuse by promoting and supporting interoperability, data management and FAIR principles.

The workshop objectives are to: 1) highlight opportunities for the wider ELIXIR community to engage with activities organised under the new EIP programme to pave the way for synergistic activities across Nodes, Platforms, Communities and projects; and 2) support ELIXIR members in sharing and discussing expertise and learnings from related activities to seed the EIP programme. The intended audience is ELIXIR community members engaged in data integration/reuse challenges and who would like to liaise with the EIP activities. Furthermore, since it will also promote the broader EIP ecosystem and the scope of the EIP programme, anyone is welcome to participate.

The EIP's transition to a sustainable framework centres on mature Products that enable FAIRification and responsible RDM, data integration and analysis; specific Processes that use (or need) Products; and broader Practices that enable a user to succeed. Each of “the Three Ps” (Products, Processes, Practices) are addressed by tasks and deliverables in [the new EIP programme](#):

- Growing the FAIR-enabling portfolio of products (WP2)
- Standardising processes for FAIR data management (WP3)
- Establishing best practices for interoperable data management and use (WP4)

During the first part of the workshop, participants will be introduced to the EIP vision with examples of opportunities to engage and potential liaison strategies. The second part focuses on discussions to identify ‘target’ ELIXIR communities to work with for the EIP's initial tasks. The workshop concludes with reflections on the next steps to take across the EIP programme WPs and future touching points across the EIP and activities in the wider ELIXIR community.

The expected outcome is an outline of future interactions between the wider ELIXIR community and the EIP programme including examples of resources and learnings that should inform its work. Beyond the contributions to the EIP, participants will be equipped with a better understanding of how they can leverage the EIP and its current offerings/activities in their own communities. The broader impact includes strengthening ELIXIR's advancements around federation and FAIR data across the scientific programme's themes grounded in the “the Three Ps” of the EIP.

- [Joint Slide deck](#)
- [Mentimeter access link](#) ([results view](#))

Time (CET)	Subject
16:00 5 min	Title: Welcome to the workshop! Who's in the room? Speaker: Wolmar Nyberg Åkerström
	Part 1: Toward the future of data integration
10 min	Title: A sustainable framework & "The 3 Ps": Products, Processes, and Practices Speaker: Tony Burdett
40 min	Title: World Café style activity (facilitated discussion) on supporting engagement with ELIXIR's communities through real-world use cases and needs Facilitators: Antonio Hermoso Pulido, Danielle Welter, Nick Juty, Tooba Abbassi-Daloi, Vassilios Ioannidis, Wei Kheng Teh, Wolmar Nyberg Åkerström, Sveinung Gundersen
	Part 2: Shaping ELIXIR's Interoperability Platform
20 min	Title: Report and synthesis in full group (facilitated discussion) Facilitators: Antonio Hermoso Pulido, Danielle Welter, Nick Juty, Tooba Abbassi-Daloi, Vassilios Ioannidis, Wei Kheng Teh, Wolmar Nyberg Åkerström, Sveinung Gundersen
10 min	Title: Where do we go from here? Plans for the EIP in the short term Speaker: Nick Juty
5 min	Title: Thank you for coming! Was this useful? How can we do better? Speaker: Wolmar Nyberg Åkerström

Notes (collectively taken)

Group 1

Group 2

Group 3

Group 4