EPPSU — Theory round table

Simon Plätzer Institute of Physics — NAWI, University of Graz Particle Physics — University of Vienna

At the Austrian EPPSU Thory Meeting Wien | 24 May 2024

UNIVERSITÄT GRAZ UNIVERSITY OF GRAZ







AUTHOR INFORMATION

Corresponding Authors Thomas Rath - Institute for Chemistry and Technology of Materials (ICTM), NAWI Graz, Graz University of Technology, Graz 8010, Austria; o orcid.org/0000-0002 4837-7726; Email: thomas.rath@tugraz.at

Synthesis of Enantiopure Sulfoxides by Concurrent Photocatalytic Oxidation and Biocatalytic Reduction

Sarah Bierbaumer, Dr. Luca Schmermund, Alexander List, Dr. Christoph K. Winkler 🕵 Dr. Silvia M. Glueck

First	Prof. Dr. Wolfgang Kroutil	0.1002/anie.202117103
: :	orcid.org/0000-0002-2151-6394	🎵 PDF 🔧 TOOLS < SHARE
	Institute of Chemistry, Department of Organic and Bioorganic Chemistry, University of Graz, NAWI Graz, BioTechMed Graz, Field of Excellence BioHealth, Heinrichstraße 28, 8010 Graz, Austria	combined in one not for a concurrent reduction-













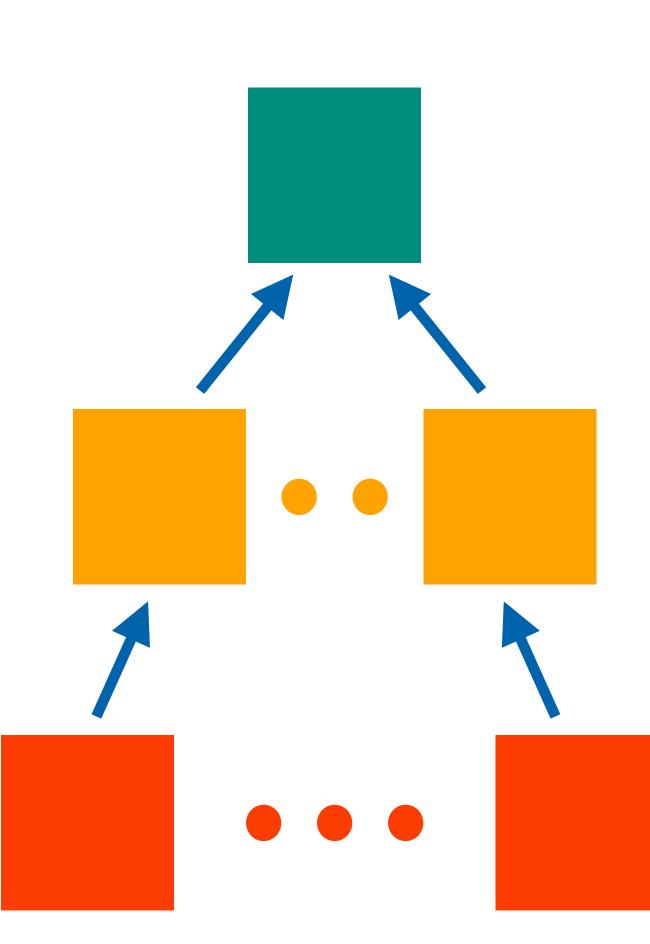
CERN is our hub for particle physics in Europe, but clearly not without the other complementary facilities and fields.

At this point CERN's future must be defined beyond the HL-LHC to maintain its role as one key player within our community.

We also need to secure long-term community engagement and perspectives for young researchers.

Need for a scientific process, and to keep the bottom-up nature consensus cannot be imposed.

But communities clearly profit from a common strategy.





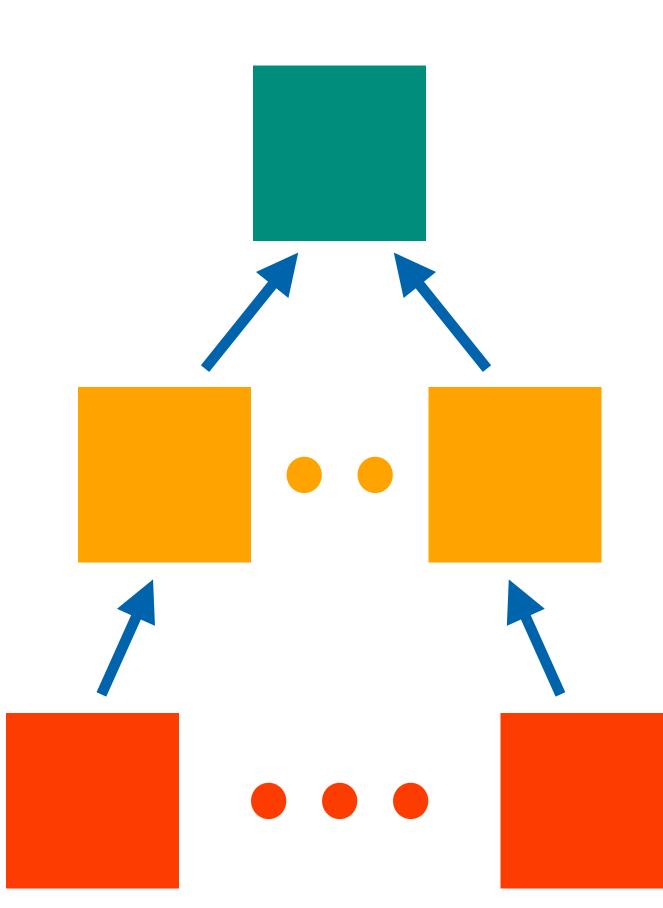
A unique opportunity to collect and identify points of contact and synergies in our community and its "neighbourhood".

Strategy, and decisions on future facilities are central.

Austria is special because of its size, but also because of the role of our community in the European context. Don't underestimate our visibility.

Key aspects:

- Need to focus, connect, develop new avenues with visible impact.
- No chance of a self-propelling, "too big to fail" community.
- We need to leverage the process for our community.
- Promotion of the Austrian community requires a success of this process — stating the status quo is not enough.







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Launched in February 2024 pre-empting CERN decisions ...

April 2024 — informal community talks June 2024 — Round-table meeting

December 2024 — Document draft for final community discussion

March 2025 — community input proposals June 2025 — "Granada-style" workshop

June 2026 — Council decision on update of the strategy





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In essence a "small version" of the European one:

- Taking stock of activities and plans, and opinions
- Gathering people in a bigger meeting to discuss input to the European process
- Developing a common input and expression of interest
- A chance for the **Austrian community** to network







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Editorial board and organisers:

Simon Plätzer (Uni Graz) Thomas Bergbauer, Robert Schöfbeck, Christoph Schwand (HEPHY)

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A "No" cannot go without **concretely** pointing out a different avenue which is sustainable in the sense of providing a vision and long-term path to the future for CERN.

This is also about what we think we need to make progress — first and foremost from a theory **perspective**: the questions in the survey very concretely try to answer this.

We have a broad spectrum of activities and expertise in Austria which we should use. The process is thus also about identifying and pointing out synergies in the theory community, and to present the theory community as a vital part of the Austrian HEP community.

No document is expected today — but a conclusion that we are able to act in a coherent way at the round table meeting to provide an integral part of the structure we need to develop there.



Yes, this is about commitment to FCC or the proposal of reasonable and feasible alternatives.







Thank you!

