

AGI 2: Information Service for Physics

Time: Tuesday 11:00–11:45

Location: KH 00.024

AGI 2.1 Tue 11:00 KH 00.024

Introducing FID Physik - a discipline-specific information service for physics — •HOLGER ISRAEL¹, ESTHER TOBSCHALL¹, JULIA HOFFMANN¹, MARKUS M. BECKER², JOHANNA HICKMANN³, and LINA BOCKHORN¹ — ¹TIB - Leibniz-Informationszentrum Technik und Naturwissenschaften und Universitätsbibliothek — ²Leibniz-Institut für Plasmaforschung und Technologie e.V. (INP) — ³Physikalisch-Technische Bundesanstalt (PTB)

Starting in February 2026, FID Physik, the discipline-specific information service for physics, is going to provide a free, open science -minded information portfolio tailored to meet the needs of cutting-edge physics research. Initially, to start with a well-defined specialised community, FID Physik seeks to support researchers in low-temperature plasma

physics. From the outset, however, the tools and services will be designed to be broadly applicable across physics to progressively expand the target audience.

FID Physik will offer a suite of services to facilitate discovery and retrieval of relevant subject-specific information, most notably a literature search engine based on quality-curated corpus. Complementary tools include support of analysis and comparison of publications via visualisation powered by knowledge graphs and large language models (LLMs) and a consolidated conference overview. Extensive community engagement will ensure alignment with researchers' needs. Stay tuned!

FID Physik is funded by DFG under project number 558452925, via the “Discipline-Specific Information Services” programme, for an initial period of three years.