Fraunhofer INT

FRAUNHOFER INSTITUTE FOR TECHNOLOGICAL TREND ANALYSIS INT

PRESS RELEASE

Fraunhofer INT and Digital Science link up the Technology Foresight Tool KATI with Dimensions Data

The Fraunhofer Institute for Technological Trend Analysis INT and Digital Science are collaborating to enable KATI, the technology foresight tool developed and used by Fraunhofer INT, to be combined with Digital Science's Dimensions data, to analyse more than 116 million scientific publications with over 1.3 billion citations. Fraunhofer INT and Digital Science have also agreed to make KATI accessible to clients and interested parties outside Fraunhofer. This cooperation will be presented for the first time at this year's fully digital Hanover Messe 2021.

KATI, short for Knowledge Analytics for Technology & Innovation, supports technology foresight and innovation management processes at the Fraunhofer INT. So far, KATI has mainly been used by scientists at the Fraunhofer INT. The system helps experts to identify trends in large sets of scientific publications, and to quickly gain an overview of specific topics, using flexible analysis and visualization capabilities.

Thanks to the collaboration with Digital Science, interested parties outside Fraunhofer INT can now also use KATI to analyse data from Dimensions, thus accessing the metadata of more than 116 million scientific publications. In addition to the cooperation with KATI, Dimensions recently granted all the Fraunhofer-Gesellschaft staff access to their sources.

Fraunhofer INT and Digital Science's enable two versions of the KATI and Dimensions data combination. One is a "per seat" license with a KATI module integrated in Dimensions; the other is a local installation that allows users to integrate their own data. Fraunhofer INT is also offering strategy and consulting support.

Christian Herzog, CEO of Dimensions, is enthusiastic about collaborating with Fraunhofer: "When we launched Dimensions three years ago, our intention was that clients would not only use the Digital Science tools to analyse Dimensions data, but would also get new perspectives on data using third-party solutions. We are very excited about collaborating with the team at Fraunhofer and look forward to supporting clients together in the future." Additionally, Dr. Marcus John, head of the KATI Lab at Fraunhofer INT, is also positive about the collaborating and the resulting opportunities: "I'm very pleased that this cooperation with Dimensions is working out so well. The data set is extensive and offers many exciting options for further analyses, especially in the field of technology foresight. We are taking KATI to a new level, and this commercialization is breaking new ground for us."

Editorial notes
Thomas Loosen | Fraunhofer INT | Communications | Phone +49 2251 18-308 | thomas.loosen@int.fraunhofer.de |

More details on this collaboration will be available at the 2021 Hanover Messe, to be staged digitally this year from 12 to 16 April. For the first time, both cooperation partners will jointly present the scope and functions of the KATI system's Dimensions variant.

However, even beyond the collaboration with Dimensions, KATI has plenty more to offer. The KATI team is currently working on the exploitation of patents and unstructured data, such as social media, aiming to further expand KATI's data basis and analysis capacity.

Digital Science (DS) is a technology company working to make research more efficient. DS invests in, nurture and support innovative businesses and technologies that make all parts of the research process more open and effective. Dimensions is a modern, innovative, linked-research-knowledge system that reimagines discovery and access to research. Developed by Digital Science in collaboration with over 100 research organizations around the world, Dimensions brings together grants, publications, citations, alternative metrics, clinical trials, patents and datasets to deliver a platform that enables users to find and access the most relevant information faster, analyse the academic and broader outcomes of research, and gather insights to inform future strategy.

The Fraunhofer Institute for Technological Trend Analysis INT creates, and continually updates, a comprehensive overview of the general research and technology landscape and of the entire spectrum of technological development. We consolidate the general overview with our own specialized analyses and forecasts in selected technologies and by our own theoretical and experimental work in the field of electromagnetic and nuclear effects.

www.int.fraunhofer.de

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