



FIZnews

CONTACT

Dr. Babett Bolle
Communication
Phone +49 7247 808 513
babett.bolle@fiz-karlsruhe.de
Germany

Dr. Franziska Schneider-Willenbacher
Consultant for science communication
Phone +49 7247 808-525
franziska.schneider-willenbacher@
fiz-karlsruhe.de
Germany

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Best Short Paper Award for Madhurima Deb and the FIZ Karlsruhe Team at JCDL 2024

Karlsruhe, April 14, 2025 — Great news: Madhurima Deb, together with her colleagues Isabel Beckenbach, Matteo Petrera, Dariush Ehsani, Marcel Fuhrmann, Yun Hao, Olaf Teschke, and Moritz Schubotz, has received the Best Short Paper Award at the Joint Conference on Digital Libraries (JCDL 2024) held on the 16th-20th December 2024. Madhurima Deb presented the paper online. The award was announced on April 9, 2025.

Their paper, titled “An Overview of zbMATH Open Digital Library,” offers a concise yet insightful look at the core functionalities and scholarly impact of zbMATH Open – the world’s largest open-access digital mathematics library.

What sets zbMATH Open apart? It’s not just a repository. It’s a carefully curated, quality-assured infrastructure designed to help researchers discover, assess, and connect mathematical knowledge in meaningful ways.

“Mathematical research thrives on the effective dissemination and discovery of knowledge.”

That’s the opening line of the paper – and it captures the essence of what zbMATH Open contributes to the scientific community. The platform goes beyond traditional indexing by enabling post-publication peer review, strengthening academic quality, and building bridges between researchers, institutions, and publications. It’s a resource that supports not only mathematics but also fosters interdisciplinary exchange.

This award is a well-deserved recognition of the team's work – and a reflection of FIZ Karlsruhe's continued leadership in the development of digital research infrastructures. Congratulations to Madhurima Deb and the entire author team!

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The paper is available at

<https://arxiv.org/html/2410.06948v1>

PDF <https://arxiv.org/pdf/2410.06948>

Press Contact

Communication

Dr. Babett Bolle

Phone +49 7247 808 513

babett.bolle@fiz-karlsruhe.de

Consultant for science communication

Dr. Franziska Schneider-Willenbacher

Phone +49 7247 808-525

[franziska.schneider-willenbacher@](mailto:franziska.schneider-willenbacher@fiz-karlsruhe.de)

[fiz-karlsruhe.de](mailto:franziska.schneider-willenbacher@fiz-karlsruhe.de)

More Information

FIZ Karlsruhe – Leibniz Institute

for Information Infrastructure

Hermann-von-Helmholtz-Platz 1

76344 Eggenstein-Leopoldshafen

Germany

Phone +49 7247 808 0

E-Mail

contact@fiz-karlsruhe.de