The workshop will focus on coding theory and algorithms for DNA-based data storage. It will consist of invited and contributed talks, as well as poster presentations, from researchers and experts. The workshop is organized as a satellite workshop of the 2024 IEEE International Symposium on Information Theory (ISIT2024).

**TOPICS OF INTEREST**

- Sequence reconstruction and codes correcting edit errors
- Emerging sequencing technologies
- Coding for native DNA-based data storage systems
- Information aspects of high throughput synthetic biology
- Machine learning approaches for data reconstruction in DNA-based storage systems

**CONTRIBUTED TALKS AND POSTERS**

If you are interested in contributing a talk or poster, **please submit an abstract** of at most 300 words of your research, including a title and a list of authors with affiliations via the contribution submission portal: https://forms.office.com/e/yhiLOZnLpM

**CONFIRMED SPEAKERS**

- **Daniel Bedau** (Western Digital)
- **James Diggans** (Twist Bioscience)
- **Robert Grass** (ETH Zurich)
- **Olgica Milenkovic** (University of Illinois Urbana-Champaign)
- **Zohar Yakhini** (Technion/Reichman University)

**IMPORTANT DATES**

- **Submission deadline:** April 15, 2024
- **Notification date:** May 1, 2024
- **ISIT early registration deadline:** May 6, 2024
- **Workshop date:** July 7, 2024

**ORGANIZERS**

- **Rawad Bitar** (Technical University of Munich)
- **David Landsman** (Western Digital/DNA Data Storage Alliance)
- **Antonia Wachter-Zeh** (Technical University of Munich)
- **Eitan Yaakobi** (Technion)

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More Information: https://go.tum.de/179751