

2nd Oxford Nanopore-Symposium, 11 April 2024

Oxford Nanopore Technology (ONT) is reaching more and more applications. Following the first ONT experience exchange in March 2023 at the Cantonal Laboratory in Zurich, the second ONT symposium was at FiBL in Frick. The aim of the event was to provide interesting insights into the work of a wide range of ONT users. The format of open exchange was an excellent basis not only for sharing success stories, but also for discussing the challenging issues of establishing this technology.

Program

| Time | Topic/Title | Speaker |
|-------------|---|--|
| 08.30-09.15 | Registration/Coffee | |
| 09.15 | Welcome address, organizational issues | Thomas Oberhänsli, FiBL |
| 09.20 | Short presentation of FiBL | Jörn Sanders, Chairman of the management board of FiBL |
| 09.30 | Nanopore Sequencing and One Health | Lara Urban, Helmholtz AI |
| 09.50 | Assessing different NGS sequencing technologies for wastewater-based epidemiology | Anika John, ETH Zürich |
| 10.10 | Full-Genome Sequencing and Assembly of <i>Diplocarpon coronariae</i> | Sabine Kind, JKI, Dossenheim |
| 10.30 | Coffee | |
| 10.50 | ONT @ Microsynth | Sebastian Stempel, Microsynth |
| 11.10 | Dissemination of Antimicrobial Resistance through Pig Manure: A Long-Read Metagenomic Sequencing Approach | Michael Biggel, UniZH |
| 11.30 | Using Oxford Nanopore Sequencing Technology as diagnostic tool for the early detection of tree pathogens | Jana Mittelstrass, WSL |
| 11.50 | Sample preparation (G-tubes) | Christoph Jans, KLZG |
| 12.10 | Oxford Nanopore Technologies. Technology Update and Q&A | Isabel Abellan Schneyder, Oxford Nanopore Technologies |

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| 12.30 | Lunch | |
| 13.30 | «Metagenomische Analyse von Nahrungsergänzungsmitteln» | Dominik Ziegler, KLBL |
| 13.50 | Advancing Microbial Identification in Complex Matrices: Oxford Nanopore Sequencing in High-Throughput Analysis" | Ida Romano, UniNapoli, FiBL |
| 14.10 | Genotype phasing and methylome profiling using >1 kb reads in diverse barley populations with a single flow cell | Michael Schneider, FiBL |
| 14.30 | Potentielle ONT-Anwendungen in der SQTS | Nathalie Amacker, SQS |
| 14.50 | Coffee | |
| 15.10 | «Wie ein BLW-Forschungsprojekt die Spur eines Tomatenvirus aufnimmt» | Joël Pothier, ZHAW |
| 15.30 | Questions from the audience, general discussion | Expert panel |
| 16.00 | Apéro | |

Social-media Links

<https://www.linkedin.com/feed/update/urn:li:activity:7187021195064598528>

[FiBL - DNA lesen leicht gemacht – Nanopore Sequencing](#)