DSB 2023 - *Schedule at a glance*

March 20	
19:30 - 22:00	Welcome reception @ De Gist*
March 21	
9:00 - 17:30	DSB Day 1
18:00	Dinner @ Huszár*
March 22	
9:15 - 16:00	DSB Day 2

*To attend the social events, make sure to register for it along with your workshop registration at https://www.aanmelder.nl/141481. Registration deadline: March 7th, 2023. On-site registration is not possible.

Please find the detailed schedule below.

More info about DSB 2023 at https://dsb-meeting.github.io/DSB2023/.

DSB Day 1 - March 21st, 2023

	Title	Speaker
9:00	*Coffee*	
9:15	*Welcome*	
9:30	Practical data structures for longest common extensions	Alexander Herlez
9:50	Pan-genome de Bruijn graph using the bidirectional FM-index	Lore Depuydt
10:10	Indexing large metagenomics projects with abundances	Pierre Peterlongo
10:30	*Coffee*	
11:00	μ-PBWT: Enabling the Storage and Use of UK Biobank Data on a Commodity Laptop	Davide Cozzi
11:20	Genome-on-Diet: Taming Large-Scale Genomic Analyses via Sparsified Genomics	Mohammed Alser
11:40	Spectrum preserving tilings enable sparse and modular reference indexing	Giulio Ermanno Pibiri
12:00	Towards a lower-memory chunked graph data structure inspired by Minecraft	Fawaz Dabbaghie
12:30	*Lunch*	
14:00	Optimal Worst-Case Design of Gapped k-mer Masks	Sven Rahmann
14:20	Locality-Preserving Hashing of k-mers	Yoshihiro Shibuya
14:40	Space-efficient k-mer counting using an implicit sequence representation	Miika Leinonen
15:00	*Coffee*	
15:30	VeChat: correcting errors in long reads using variation graphs	Alexander Schönhuth
15:50	Fixing homopolymer errors in HiFi reads using dictionary compression	Diego Diaz-Dominguez
16:10	Orthanq: orthogonal evidence based haplotype quantification	Hamdiye Uzuner
16:30	*Open discussion with refreshments*	
18:00	*Dinner @ Huszár**	

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DSB Day 2 - March 22nd, 2023

	Title	Speaker
9:15	*Coffee*	
9:30	Random Wheeler graphs	Riccardo Maso
9:50	The Graph Wheelerization Problem	Davide Tonetto
10:10	Sorting Wheeler NFA's using relational partition refinement	Bojana Kodric
10:30	*Coffee*	
11:00	Prefix-sorting strings on deterministic finite automata	Sung-Hwan Kim
11:20	MARIA: Multiple alignment r-index with aggregation	Adrián Goga
11:40	Approximate pattern matching using search schemes and in-text verification	Luca Renders
12:00	*Lunch*	
13:30	Chaining of maximal exact matches in graphs	Nicola Rizzo
13:50	RecGraph: recombination-aware alignment of sequences to variation graphs	Jorge Avila Cartes
14:10	Exact string alignments to (E)D-texts	Nadia Pisanti
14:30	*Coffee*	
15:00	Periodicity of degenerate strings	Pengfei Wang
15:20	Deriving polygenic risk score using non-negative matrix factorization	Vu Lam Dang
15:40	Identifying antimicrobial resistance gene transfer between plasmids	Marco Teixeira