Standard Norge

Quantum i OsloMet

Sergiy Denysov, Professor OsloMet

OSLOMET

HUB

Quantum at OsloMet

Sergiy Denysov

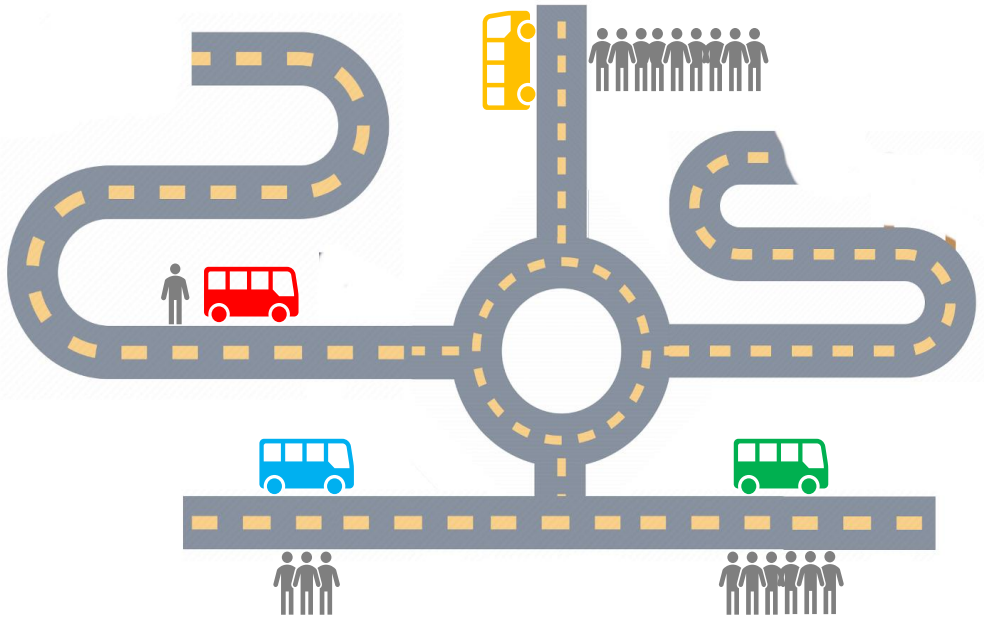
OSLO METROPOLITAN UNIVERSITY
STORBYUNIVERSITETET

OSLOMET Ruter#

Capacity prediction with Quantum AI

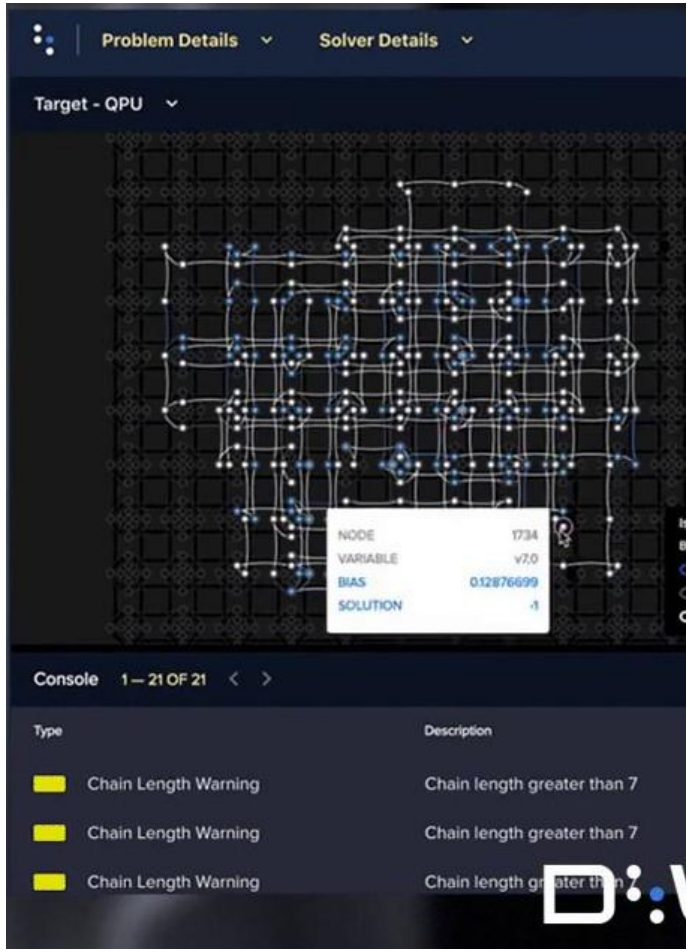
Sebastian Testanière Overskott
OsloMet, MSc student

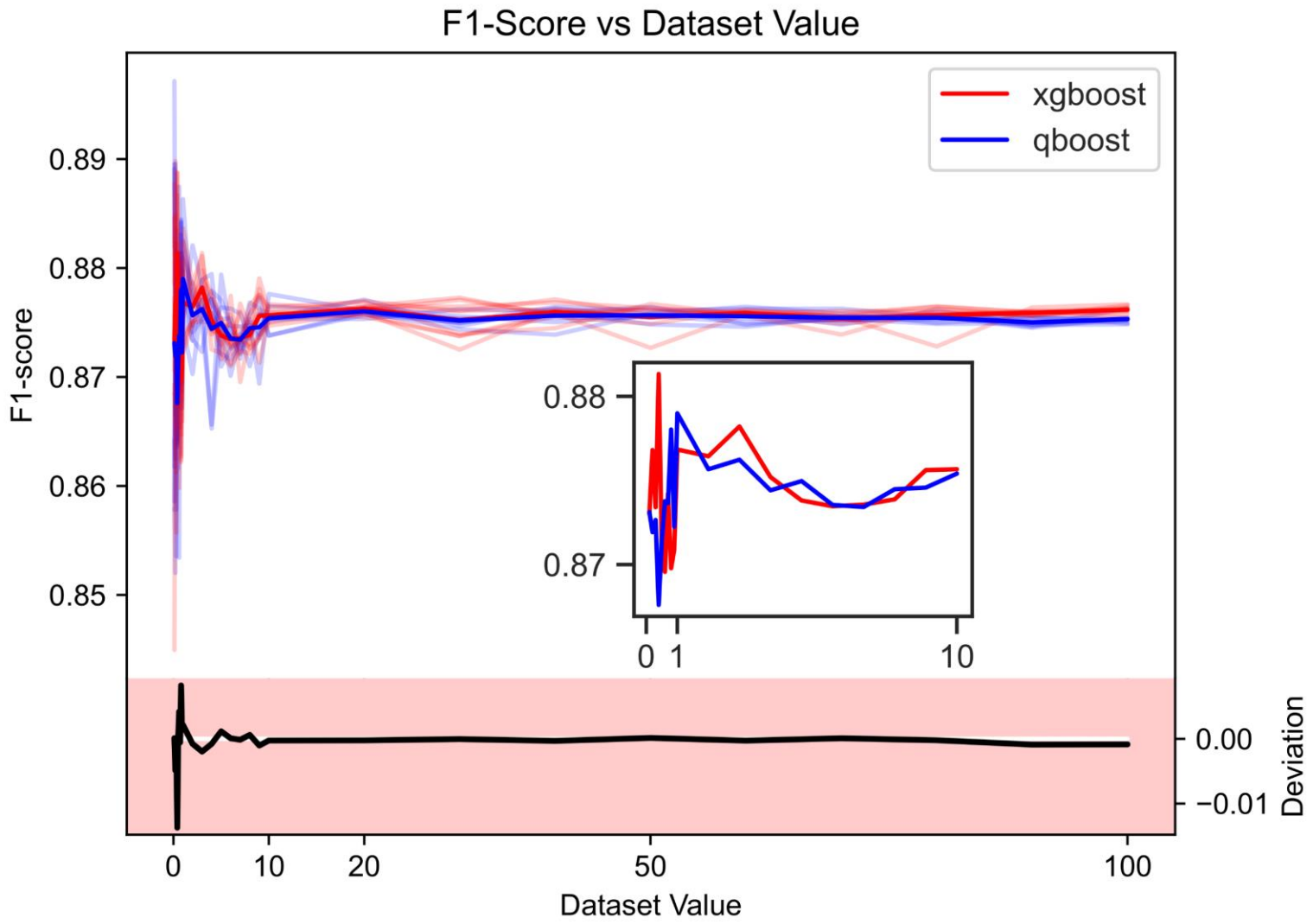
Aleksandar Davidov
OsloMet, PhD student



- A real-life use case
- Implementation of quantum AI algorithm (*Qboost*) on *D-Wave* annealer (5000+qubits)
- Training the algorithm with an actual database
- Benchmarking and comparative analysis of the performance

OSLOMET Ruter#





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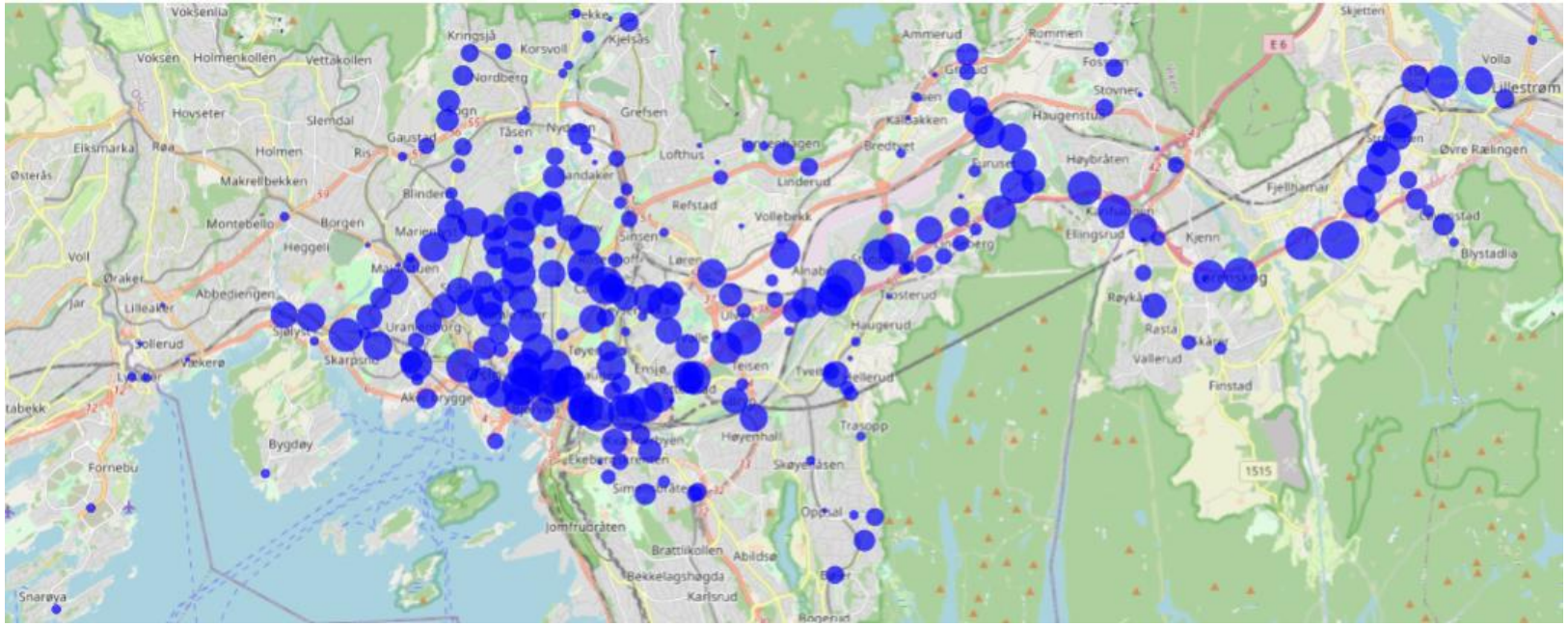
Ruter#

Optimal ticket-control team deployment

Maryam Lotfigolian
OsloMet, PhD student

Aleksandar Davidov
OsloMet, PhD student



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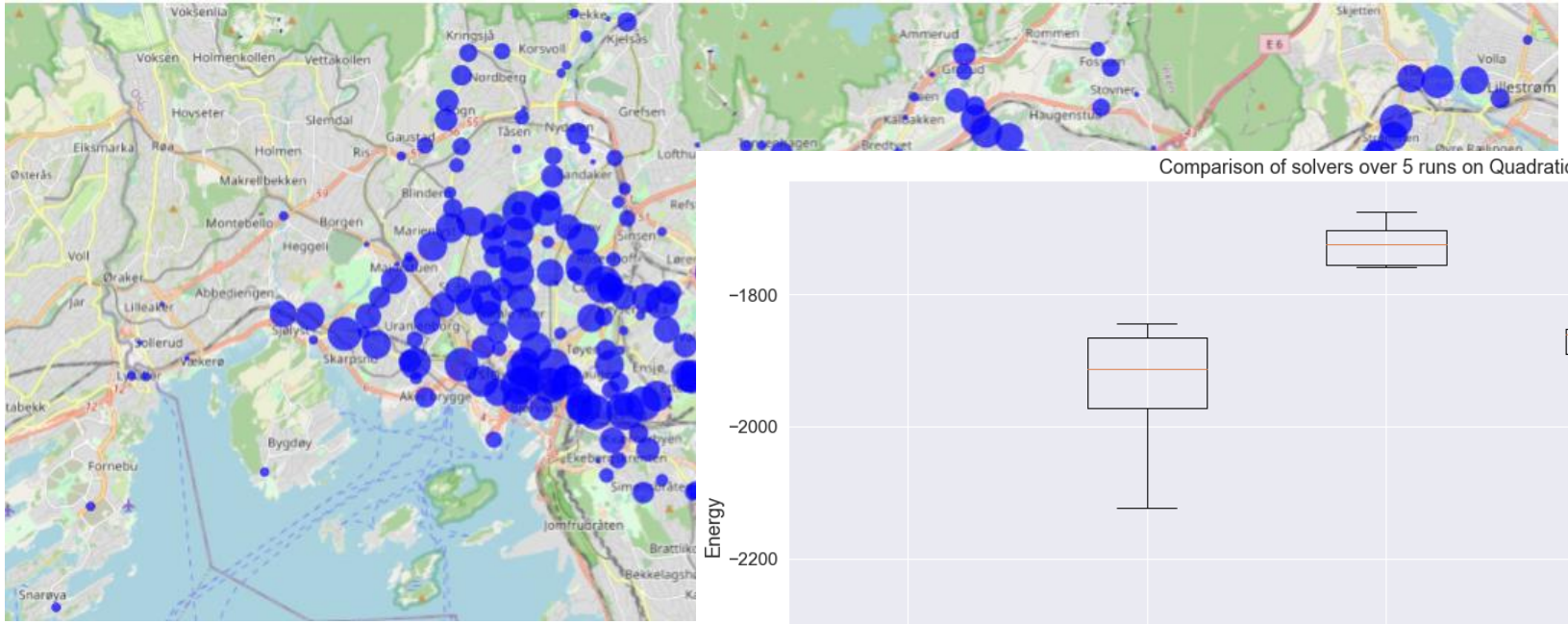
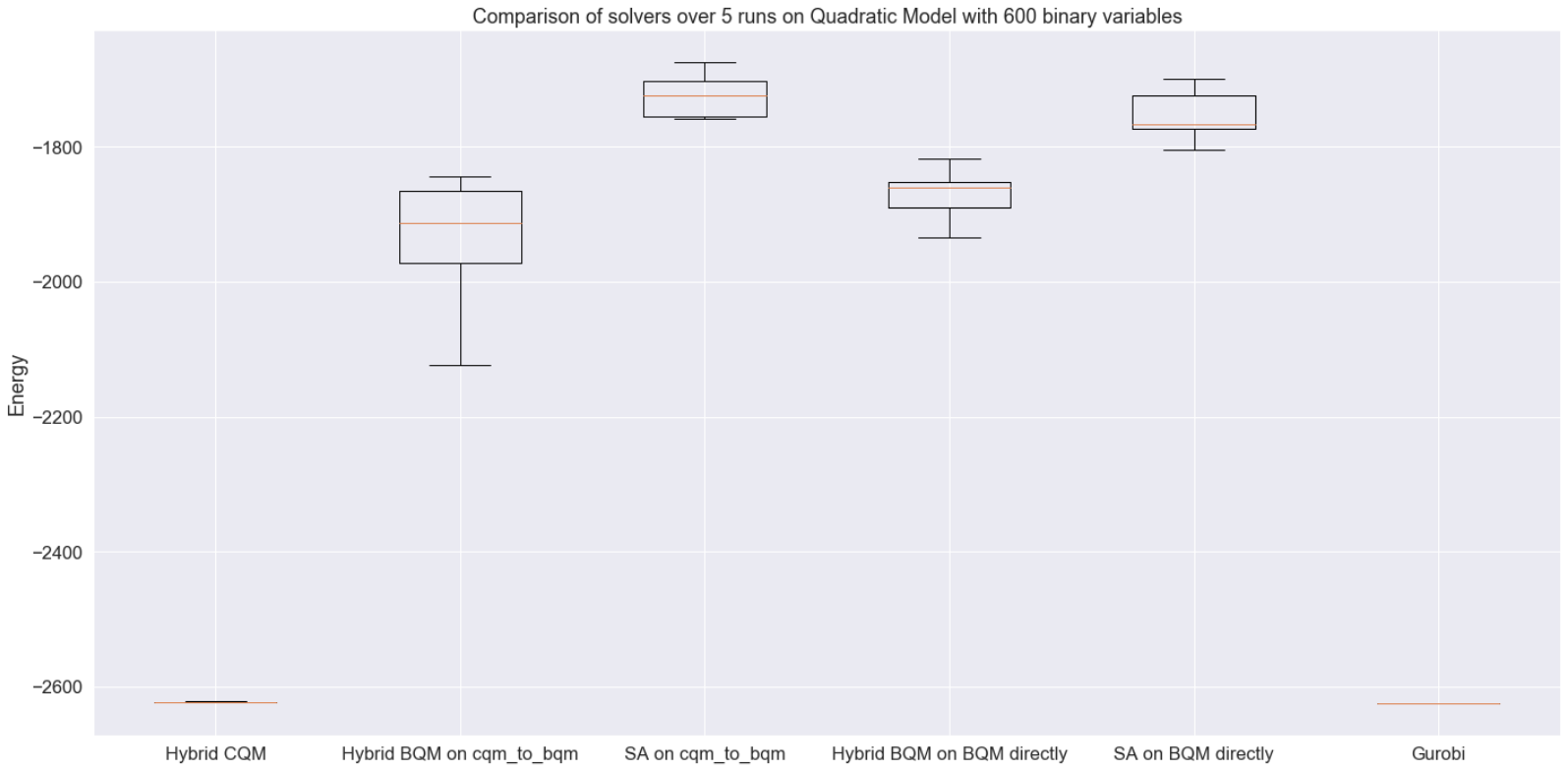
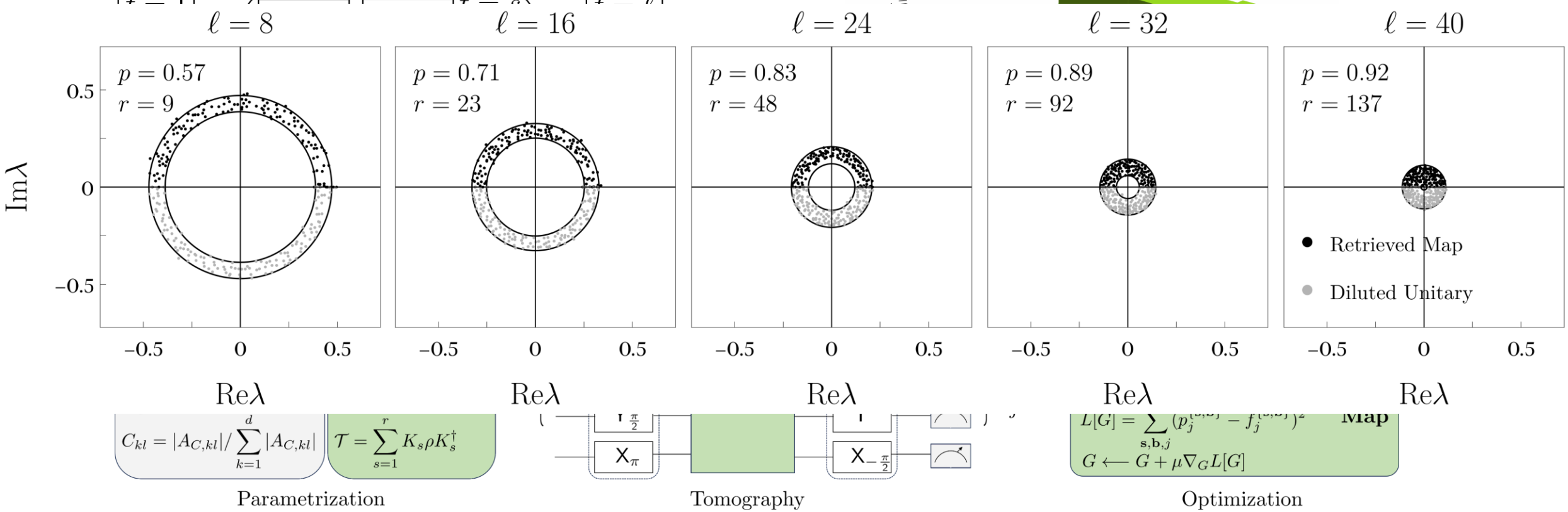




Experiments on Noisy Intermediate Scale Quantum (NISQ) computing platforms

Kristian Wold
OsloMet, PhD student



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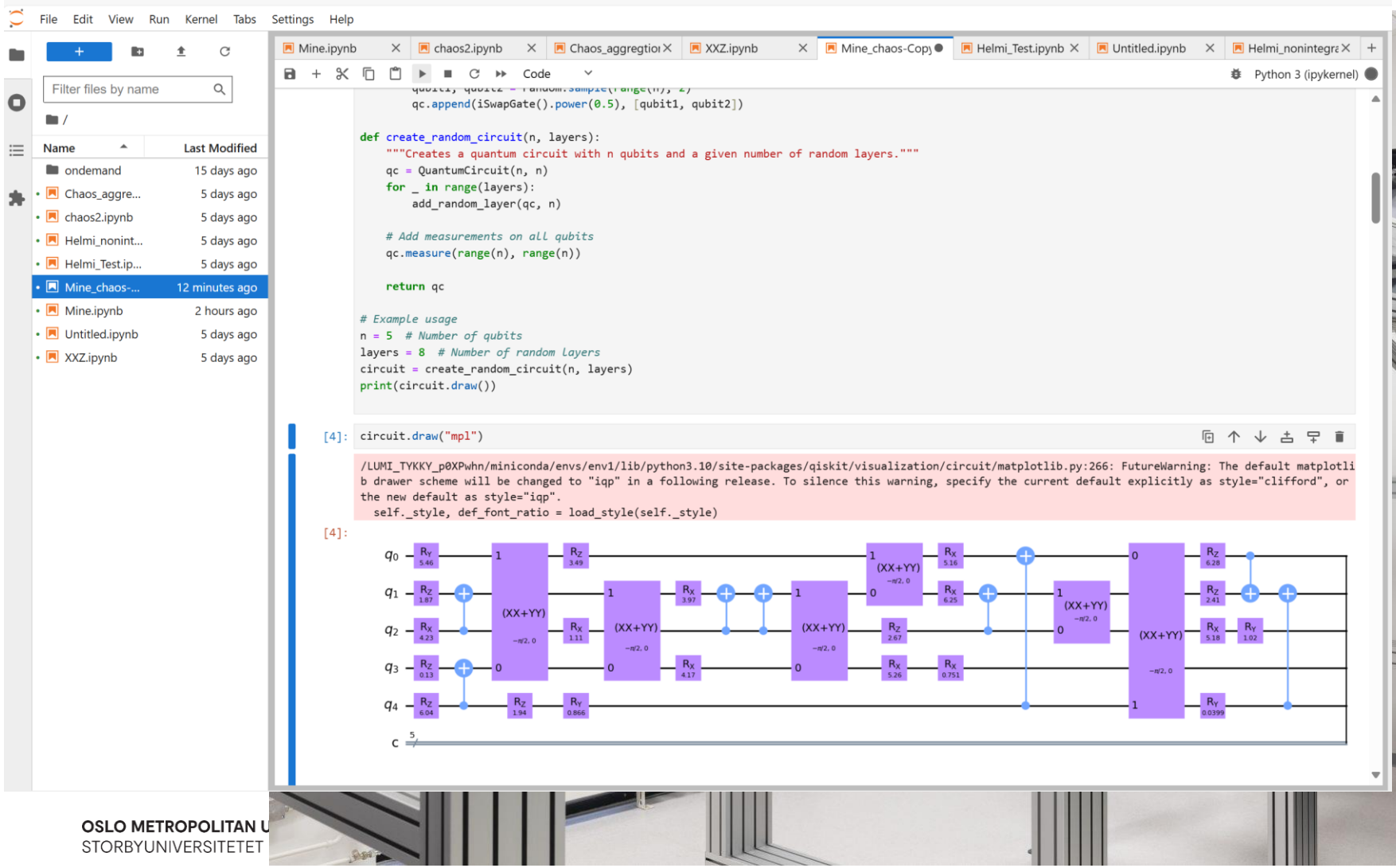

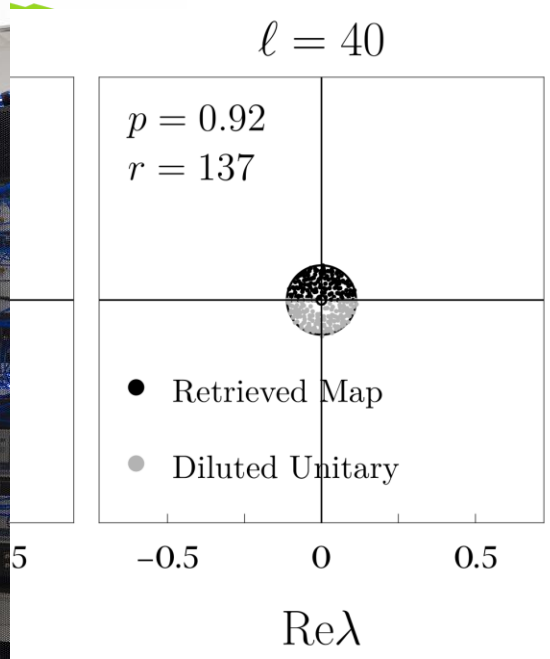

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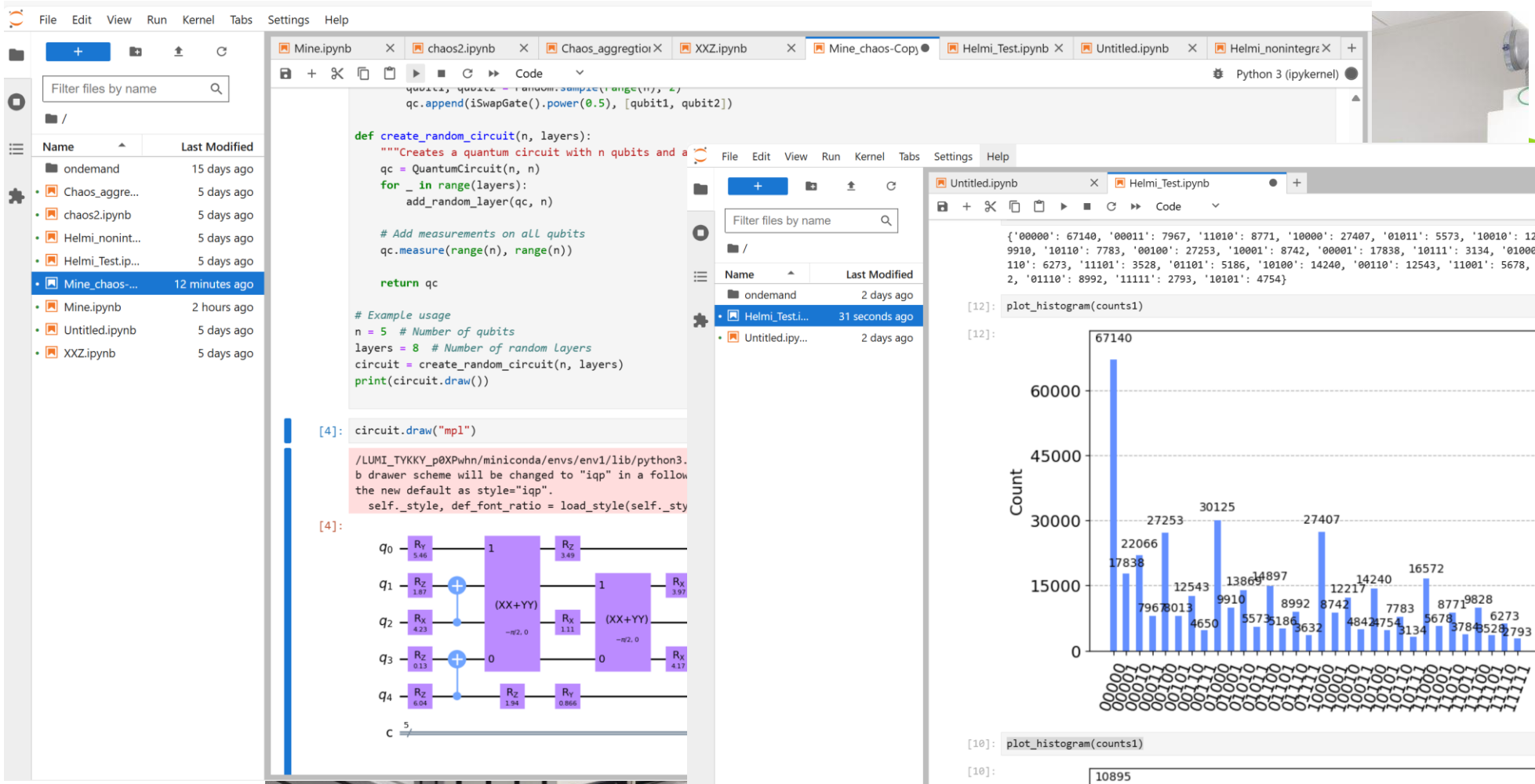

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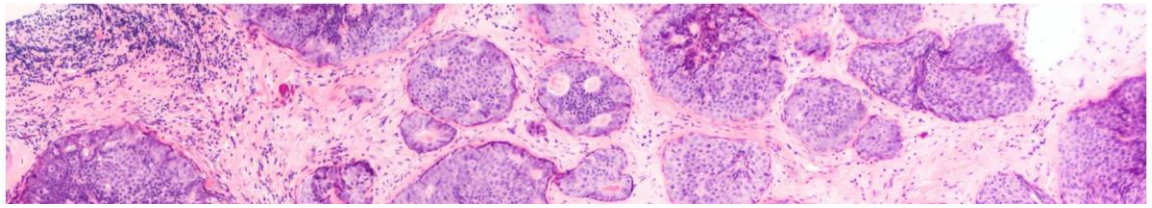
Quantum Computing as a means to improve decision-making strategies of personalized cancer treatment

Heine Olsson Aabø
OsloMet, PhD student

Aftenposten

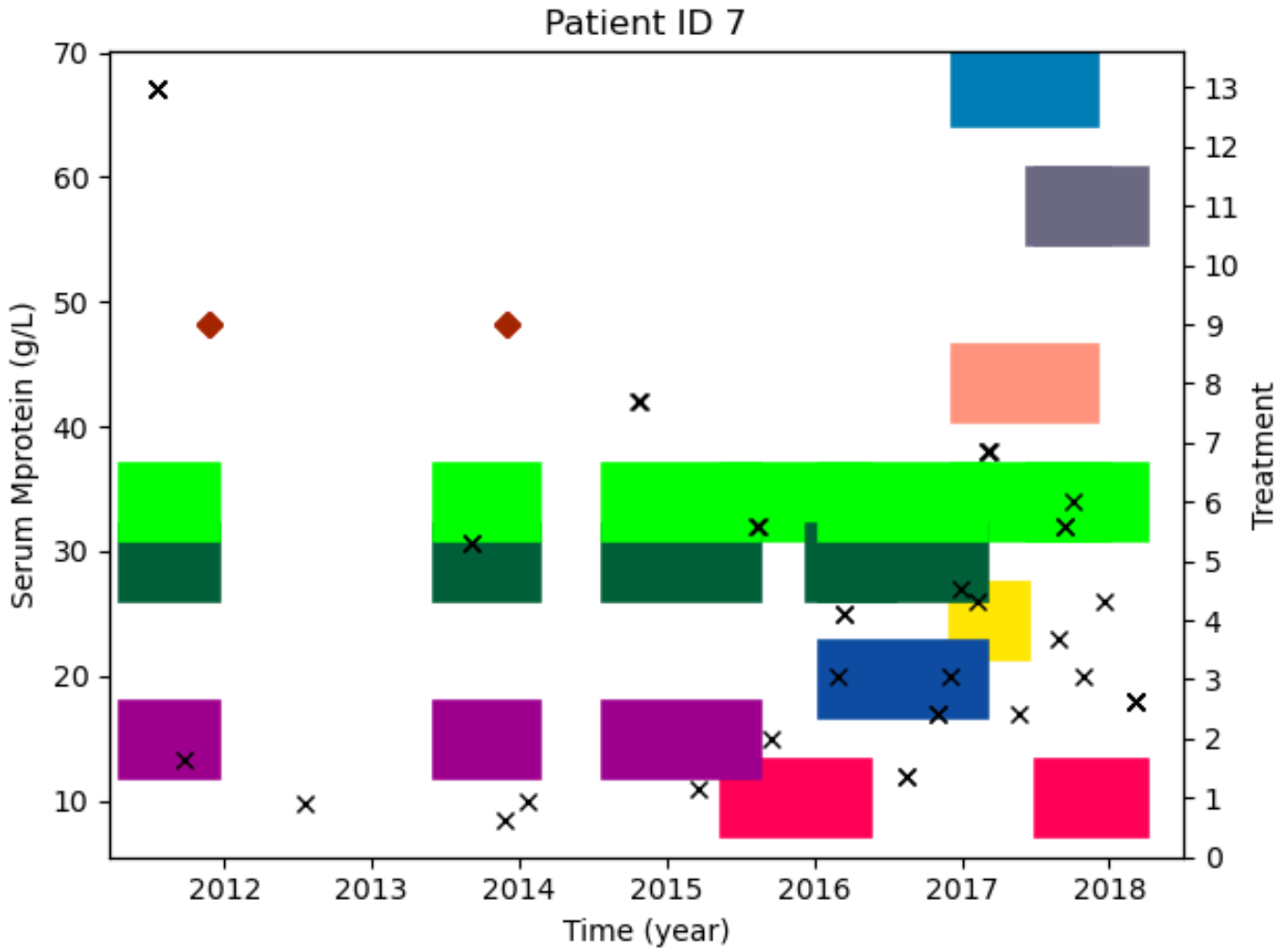
Viten | Forskning og vitenskap

Paradokset er at vi sannsynligvis allerede har tilgang på effektive behandlinger for de fleste svulster, kanskje for alle, men å finne dem manuelt, er som å finne nålen i høystakken.



Quantum Computing as a means to improve decision-making strategies of personalized cancer treatment

Heine Olsson Aabø
OsloMet, PhD student



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