WORKSHOP ON ARITHMETIC CHERN-SIMONS THEORY

UNIVERSITEIT LEIDEN, NETHERLANDS, MAY 22-26, 2017

SCHEDULE

MONDAY, MAY 22: LEIDEN UNIVERSITY, SNELLIUS BUILDING, ROOM B3

9:30 - 10:30	Minhyong Kim (survey talk Arithmetic Chern-Simons Theory)
10:30 - 11:00	Coffee
11:00 - 12:00	Masanori Morishita (Local symbols and the reciprocity law for foliated dynamical systems on 3-manifolds)
12:00 - 13:30	Lunch
13:30 - 14:30	Charles Frohman (Reidemeister torsion)
14:30 - 15:00	Coffee
15:00 - 17:00	Organized Discussions

TUESDAY, MAY 23: LEIDEN UNIVERSITY, SNELLIUS BUILDING, ROOM B3

9:30 - 10:30	Tudor Dimofte (survey talk Quantum Field Theory)
10:30 - 11:00	Coffee
11:00 - 12:00	Mahesh Kakde (survey talk Iwasawa Theory)
12:00 - 13:30	Lunch
13:30 - 14:30	Tudor Dimofte (survey talk Quantum Field Theory)
14:30 - 15:00	Coffee
15:00 - 17:00	Organized Discussions

WEDNESDAY, MAY 24: UNIVERSITY OF AMSTERDAM, EULERZAAL SCIENCE PARK 105

Morning	Travel to University of Amsterdam to Mathematics/Physics Colloquium
11:00 - 12:00	Minhyong Kim (Quantum number theory? Some speculative remarks)
12:00 - 13:00	Lunch Break
13:00 - 13:30	Coffee and Tea
13:30 - 14:30	Sergei Gukov Sergei Gukov (Modularity and 3-manifolds)
Afternoon	Free afternoon or more discussions

THURSDAY, MAY 25: LEIDEN UNIVERSITY, SNELLIUS BUILDING, ROOM 312

9:30 - 10:30	Christopher Deninger (Dynamical systems and Hilbert reciprocity)
10:30 - 11:00	Coffee
11:00 - 12:00	Mahesh Kakde (survey talk Iwasawa Theory)
12:00 - 13:30	Lunch
13:30 - 14:30	Ted Chinburg (Duality, Artin maps, and Chern-Simons invariants)
14:30 - 15:00	Coffee
15:00 - 16:00	Kai Behrend (Lagrangian interections)
16:00 - 17:00	Organized Discussions

FRIDAY, MAY 26: LEIDEN UNIVERSITY, SNELLIUS BUILDING, ROOM 312

9:30 - 10:30	Malte Witte (L-amplitudes for arithmetic schemes)
10:30 - 11:00	Coffee
11:00 - 12:00	Simon Willerton (Groups, gerbes, and TQFT
12:00 - 13:30	Lunch
13:30 - 15:30	Organized Discussions