International Conference on
Quantum Topology

Steklov Mathematical Institute,
Moscow, Gubkina str., 8 (9th floor)

June 20 - 25, 2016

Program

Monday, June 20

9:15 -9:55 *Registration*
9:55   *Opening*
10:00 - 10:50   Victor Vassiliev, **Linking numbers in non-orientable 3-manifolds**
Coffe break
11:20 - 12:10   Thang Le, **Triangular decomposition of skein algebras and quantum Teichmüller spaces**
Lunch
14:00 - 14:50   Rinat Kashaev, **Pachner's 3-3 relations and Hopf algebras**

15:00 - 15:50   Alexander Shumakovitch, **Knot invariants arising from homological operations on Khovanov homology**
Coffee break
16:05 - 16:55   Michele Mulazzani, **4-colored graphs and complements of knots and links**

Tuesday, June 21

10:00 - 10:50   Andrei Vesnin, **On volumes of compact and non-compact right-angled hyperbolic polyhedra**
Coffe break
11:20 - 12:10   Stavros Garoufalidis, **The Kashaev invariant, Nahm sums and modularity**
Lunch
14:00 - 14:50   David Cimasoni, **Splitting numbers and signatures**
15:00 - 15:50   Evgeny Fominykh, **Turaev-Viro invariants and complexity of virtual 3-manifolds**
Coffee break
16:20 - 17:10   Alexey Sleptsov, **Quantum Racah matrices and evolution of knots**

Wednesday, June 22

10:00 - 10:50   Iskander Taimanov, **The spaces of non-contractible closed curves in compact space forms**
Coffe break
11:20 - 12:10   Leonid Chekhov, **Quantum cluster algebras and character varieties of SL(2,R)-monodromy problem**
Lunch
14:00 - 14:50   Carlo Petronio, **On the Hurwitz existence problem for branched covers between surfaces**
15:00 - 15:50   Eugene Gorsky, **Homology of Jucys-Murphy elements and the flag Hilbert scheme**
Coffee break
16:20 - 17:10   Vassily Manturov, **On knot theoretical counterpart of the groups G_n^k**
18:30 Conference dinner at Korston hotel (Kosygina street, 15)

Thursday, June 23

10:00 - 10:50   Vladimir Turaev, **Additive posets, CW-complexes, and graphs**
Coffe break
11:20 - 12:10   Stefan Friedl, **The Thurston norm of 3-manifolds with a 2-generator fundamental group**
Lunch
14:00 - 14:50   Gwénaël Massuyeau, **Self-intersection of curves in surfaces and Drinfeld associators**
15:00 - 15:50   Alexander Mednykh, **Jacobians of circulant graphs**
Coffee break
16:20 - 17:10   Maxim Prasolov, **Rectangular diagrams and Giroux's convex surfaces**

Friday, June 24

10:00 - 10:50   Alexander Gaifullin, **Realisation of cycles and small covers over graph-associahedra**
Coffe break
11:20 - 12:10   Nathan Geer, **Modified traces on quantum sl(2) and logarithmic invariants**
Lunch
14:00 - 14:50   Masaharu Ishikawa, **Stable maps and branched shadows of 3-manifolds**
15:00 - 15:50   Vladimir Vershinin, **On virtual braids**
Coffee break
16:20 - 17:10   Valeriy Bardakov, **On representations of virtual braid group and groups of virtual links**
Closing