

Schedule of the talks

Monday

9:30–10:00	<i>Opening</i>
10:00–11:00	David Kazhdan – <i>Satake isomorphism for Kac-Moody algebras</i>
11:00 am	<i>Coffee break</i>
11:30–12:30	Vera Serganova – <i>Characters of affine Lie superalgebras and "super Weyl group"</i>
1:00 pm	<i>Lunch</i>
3:00–4:00	Efim Zelmanov – <i>Jordan Superalgebras</i>
4:00 pm	<i>Coffee break</i>
4:30–5:30	Edward Frenkel – <i>Opers with irregular singularity and shift of argument subalgebra</i>

Tuesday

9:00–10:00	Bojko Bakalov – <i>Vertex algebras in higher dimensions and local actions of Lie algebras on vertex algebras</i>
10:00 am	<i>Coffee break</i>
10:30–11:30	Tomoyuki Arakawa – <i>Representations of W-algebras and conjectures of Kac-Wakimoto</i>
11:40–12:40	Kobi Kremnitzer – TBA
1:00 pm	<i>Lunch</i>
3:00–4:00	Reimundo Heluani – <i>Supersymmetry of the Chiral de Rham complex</i>
4:00 pm	<i>Coffee break</i>
4:30–5:30	Werner Nahm – <i>Quantum groups, modular forms, and integrable quantum field theories</i>

Wednesday

9:00–10:00	Bertram Kostant – <i>On some of the mathematics in Garrett Lisi's "E(8) Theory of Everything"</i>
10:00 am	<i>Coffee break</i>
10:30–11:30	William Crawley-Boevey – <i>The Deligne-Simpson problem</i>
11:40–12:40	Andrei Okounkov – <i>Vertex operators in gauge theory</i>
1:00 pm	<i>Lunch</i>
3:00 pm	<i>Trip to Arezzo and social dinner</i>

Thursday

- 9:00–10:00 Giovanni Felder – *Riemann-Roch-Hirzebruch formulae for traces of differential operators*
- 10:00 am *Coffee break*
- 10:30–11:30 Roberto Longo – *SUSY in the Conformal World*
- 11:40–12:40 Thibault Damour – *Chaos and Symmetry in Gravity and Supergravity*
- 1:00 pm *Lunch*
- 3:00–4:00 Ivan Todorov – *CFT Methods in four dimensional conformal field theory*
- 4:00 pm *Coffee break*
- 4:30–5:30 Minoru Wakimoto – *Rationality of W -algebras via quantum reduction*

Friday

- 9:00–10:00 Vyjayanthi Chari – *Abelian ideals, current algebras and Koszul algebras*
- 10:00 am *Coffee break*
- 10:30–11:30 Corrado De Concini – *Partition functions and transversally elliptic differential operators*
- 11:40–12:40 Alexander Premet – *Finite W -algebras and sheets in semisimple Lie algebras*
- 1:00 pm *Lunch*
- 3:00–4:00 Paolo Papi – *On the kernel of the affine Dirac operator*
- 4:00 pm *Coffee break*
- 4:30–5:30 Ernest Vinberg – *On double cosets of a pair of excellent spherical subgroups*

Saturday

- 9:00–10:00 Alexei Rudakov – *Morphisms of Verma modules for $E(5,10)$*
- 10:00 am *Coffee break*
- 10:30–11:30 Dennis Gaitsgory – *The Kazhdan-Lusztig equivalence (quantum groups vs. affine algebras), revisited*
- 11:40–12:40 Olivier Mathieu – *Varieties determined by their jets*
- 1:00 pm *Lunch*