

INFINITE-DIMENSIONAL LIE THEORY
AND CONFORMAL FIELD THEORY

SCHEDULED TALKS

(ALL TALKS WILL BE IN OLSSON HALL 009)

TUESDAY, MAY 23

9:30AM

N. Read

Lie Superalgebras and Disordered Systems, I

10:50AM

B. McCoy

*The Dominance of Algebra in Statistical Mechanics
and Quantum Field Theory, I*

1:30PM

V. Chari

Representations of Quantum Affine Algebras

2:50PM

A. Kuniba

Crystals and Soliton Cellular Automata, I

4:05PM

P. H. Hai

*A Formula for Computing the Integral on the
Quantum Supergroup $GL_q(m|n)$*

4:40PM

P. Abramenko

On Commutator Relations in Kac-Moody Groups

WEDNESDAY, MAY 24

9:30AM

M. Kashiwara

*Crystal Bases for Representations of Quantized
Affine Lie Algebras, I*

10:50AM

N. Read

Lie Superalgebras and Disordered Systems, II

1:30PM

J. Lepowsky

Vertex Operator Algebras and the Zeta Function

2:50PM

J. Fuchs

*Lie Algebra Automorphisms and Conformal Field
Theory*

4:05PM

R. Kedem

Structure of Coinvariants of Integrable \mathfrak{sl}_2 -Modules

4:40PM

Michel Kleber

*Quantum Affine Algebra Representations and
Discrete Dynamical Systems*

THURSDAY, MAY 25

9:30AM

B. McCoy

*The Dominance of Algebra in Statistical Mechanics
and Quantum Field Theory, II*

10:50AM

M. Kashiwara

*Crystal Bases for Representations of Quantized
Affine Lie Algebras, II*

1:30PM

Y. Billig

*VOAs Arising in the Representation Theory of
Toroidal Lie Algebras*

2:50PM

V. Gurarie

Logarithmic Algebras at $c = 0$

4:05PM

A. Schilling

Expressions for Type \hat{A} Branching Functions

4:40PM
M. Vazirani
Irreducible Modules of Hecke Algebras

1:30PM
W. Wang
The McKay Correspondence

FRIDAY, MAY 26

9:30AM
N. Read
Lie Superalgebras and Disordered Systems, III

2:50PM
C. Dong
Reductive Lie Algebras and Holomorphic VOAs

10:50AM
B. McCoy
The Dominance of Algebra in Statistical Mechanics and Quantum Field Theory, III

4:05PM
K. Barron
Geometric Aspects of Neveu-Schwarz Lie Superalgebras

1:30PM
M. Okado
Crystals and Soliton Cellular Automata, II

2:50PM
E. Vasserot
On the Action of the Dual Group on the Cohomology of Perverse Sheaves on the Affine Grassmanian

4:05PM
W. Zhao
Generalizations of the Genus Zero CFT to Locally Trivialized G -Bundles over $\mathbb{C}P^2$

4:40PM
Y. Hara
 q -Deformations of Superconformal Field Theory

SATURDAY, MAY 27

9:30AM
M. Kashiwara
Crystal Bases for Representations of Quantized Affine Lie Algebras, III

10:50AM
Panel Discussion