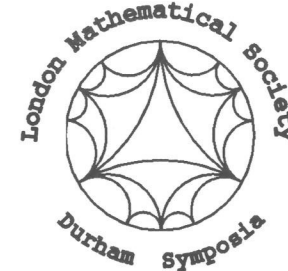




London Mathematical Society Conference on Quantum Groups



PROGRAMME OF LECTURES

MONDAY 19 JULY		
2.00 p.m. - 7.00 p.m.	Conference Registration (Holgate House, Grey College)	
7.00 p.m.	<i>Dinner (Main Dining Hall, Grey College)</i>	
TUESDAY 20TH JULY		
9.00 a.m.	<u>S.L. Woronowicz</u>	Non-compact quantum groups (I)
10.00 a.m.	<u>S. Ariki</u>	Quantum groups and modular representation theory of Hecke algebras (I)
11.10 a.m. - 11.40 a.m.	<i>Coffee Break (CM103/CM105, Mathematical Sciences)</i>	
11.45 a.m.	<u>T. Koornwinder</u>	Quantum groups and q-special functions (I)
1.00 p.m.	<i>Lunch (Main Dining Hall, Grey College)</i>	
3.30 p.m.	<i>Tea Break (CM103/CM105, Mathematical Sciences)</i>	
4.00 p.m.	<u>A. Joseph</u>	A survey of KPRV determinants
5.00 p.m.	<u>S. Montgomery</u>	Classification of finite dimensional Hopf algebras over \mathbb{C}
6.30 p.m.	Sherry Reception (JCR, Grey College)	
7.00 p.m.	<i>Dinner (Main Dining Hall, Grey College)</i>	
WEDNESDAY 21ST JULY		
9.00 a.m.	<u>A. Varchenko</u>	Elliptic quantum groups and quantum Knizhnik-Zamolodchikov-Bernard equations (I)
10.00 a.m.	<u>S.L. Woronowicz</u>	Non-compact quantum groups (II)

WEDNESDAY 21ST JULY (Continued)		
11.10 a.m. - 11.40 a.m.		<i>Coffee Break (CM103/CM105, Mathematical Sciences)</i>
11.45 a.m.	<u>S. Ariki</u>	Quantum groups and modular representation theory of Hecke algebras (II)
1.00 p.m.		<i>Lunch (Main Dining Hall, Grey College)</i>
3.30 p.m.		<i>Tea Break (CM103/CM105, Mathematical Sciences)</i>
4.00 p.m.	<u>N. Yu. Reshetikhin</u>	Quantization of integrable systems
5.00 p.m.	<u>E. Effros</u>	Illustrations of the quantized functional analysis associated with quantum groups
7.00 p.m.		<i>Dinner (Main Dining Hall, Grey College)</i>
THURSDAY 22ND JULY		
9.00 a.m.	<u>T. Koornwinder</u>	Quantum groups and q-special functions (II)
10.00 a.m.	<u>A. Varchenko</u>	Elliptic quantum groups and quantum Knizhnik-Zamolodchikov-Bernard equations (II)
11.10 a.m. - 11.40 a.m.		<i>Coffee Break - CM103/CM105 (Mathematical Sciences)</i>
11.45 a.m.	<u>P. Etingof</u>	Dynamical Yang-Baxter equation (I)
1.00 p.m.		<i>Lunch (Main Dining Hall, Grey College)</i>
2.00 p.m.		Conference Group Photograph (Grey College Steps)
2.40 p.m.		Cathedral Visit
7.00 p.m.		<i>Dinner (Main Dining Hall, Grey College)</i>
FRIDAY 23RD JULY		
9.00 a.m.	<u>S. L. Woronowicz</u>	Non-compact quantum groups (III)
10.00 a.m.	<u>S. Ariki</u>	Quantum groups and modular representation theory of Hecke algebras (III)
11.10 a.m. - 11.40 a.m.		<i>Coffee Break (CM103/CM105, Mathematical Sciences)</i>

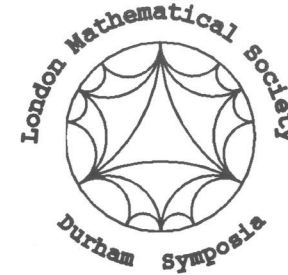
FRIDAY 23RD JULY		
11.45 a.m.	<u>P. Etingof</u>	Dynamical Yang-Baxter equation (II)
1.00 p.m.		<i>Lunch (Main Dining Hall, Grey College)</i>
3.30 p.m. - 4.00 p.m.		<i>Tea Break (CM103/CM105, Mathematical Sciences)</i>
4.00 p.m.	<u>R. Dipper</u>	Modular representations of $GL_n(q)$
5.00 p.m.	<u>I. Gordon</u>	Quantized enveloping algebras at roots of 1 and characteristic p semisimple Lie algebras
7.00 p.m.		<i>Dinner (Main Dining Hall, Grey College)</i>
SATURDAY 24TH JULY		
9.00 a.m.	T. Koornwinder	Quantum groups and q-special functions (III)
10.00 a.m.	A. Varchenko	Elliptic quantum groups and quantum Knizhnik-Zamolodchikov-Bernard equations (III)
11.10 a.m. - 11.40 a.m.		<i>Coffee Break (CM103/CM105, Mathematical Sciences)</i>
11.45 a.m.	P. Etingof	Dynamical Yang-Baxter equation (III)
1.00 p.m.		<i>Lunch (Main Dining Hall, Grey College)</i>
3.30 p.m.		<i>Tea Break (CM103/CM105, Mathematical Sciences)</i>
4.00 p.m.	A. Zelevinsky	Tensor product multiplicities, string cones and generalized minors
5.00 p.m.	R. Carter	Canonical bases in quantum groups
7.00 p.m.		<i>Dinner (Main Dining Hall, Grey College)</i>
SUNDAY 25TH JULY		
9.15 a.m.		<i>Day Trip - Cragside House and Hexham</i>
7.00 p.m.		<i>Dinner (Main Dining Hall, Grey College)</i>

MONDAY 26TH JULY		
9.00 a.m.	P. Littelmann	On the q-Frobenius and applications (I)
10.00 a.m.	M. Kashiwara	Crystals for quantized affine Lie algebras (I)
11.10 a.m. - 11.40 a.m.		<i>Coffee Break (CM103/CM105, Mathematical Sciences)</i>
11.45 a.m.	E. Frenkel	The theory of q-characters for representations of quantum affine algebras (I)
1.00 p.m.		<i>Lunch (Main Dining Hall, Grey College)</i>
3.30 p.m. - 4.00 p.m.		<i>Tea Break (CM103/CM105, Grey College)</i>
4.00 p.m.	I. Frenkel	Basic representations of quantum toroidal algebras via Platonic solids
5.00 p.m.	H. Wenzl	Path algorithms for tilting modules
7.00 p.m.		<i>Dinner (Main Dining Hall, Grey College)</i>
TUESDAY 27TH JULY		
9.00 a.m.	P. Littelmann	On the q-Frobenius and applications (II)
10.00 a.m.	M. Kashiwara	Crystals for quantized affine Lie algebras (II)
11.10 a.m. - 11.40 a.m.		<i>Coffee Break (CM103/CM105, Mathematical Sciences)</i>
11.45 a.m.	E. Frenkel	The theory of q-characters for representations of quantum affine algebras (II)
1.00 p.m.		<i>Lunch (Main Dining Hall, Grey College)</i>
3.30 p.m. - 4.00 p.m.		<i>Tea Break (CM103/CM105, Mathematical Sciences)</i>
4.00 p.m.	V. Chari	Quantum affine algebras at roots of unity
5.00 p.m.	K.R. Goodearl	Quantized primitive ideal spaces as quotients of affine algebraic varieties
7.00 p.m.		<i>Sherry Reception (JCR, Grey College)</i>
7.30 p.m.		<i>Conference Dinner (Main Dining Hall, Grey College)</i>

WEDNESDAY 28 JULY		
9.00 a.m.	P. Littelmann	On the q -Frobenius and applications (III)
10.00 a.m.	M. Kashiwara	Crystals for quantized affine Lie algebras (III)
11.10 a.m. - 11.40 a.m.		<i>Coffee Break (CM103/CM105, Mathematical Sciences)</i>
11.45 a.m.	E. Frenkel	The theory of q -characters for representations of quantum affine algebras (III)
1.00 p.m.		<i>Lunch (Holgate House, Grey College)</i>
3.30 p.m. - 4.00 p.m.		<i>Tea Break (CM103/CM105, Mathematical Sciences)</i>
4.00 p.m.	H. Andersen	Tilting modules and deformations
5.00 p.m.	A. Premet	Generalized Gelfand-Graev progenerators for reduced enveloping algebras
7.00 p.m.		<i>Dinner (Holgate House, Grey College)</i>
DEPARTURE DAY		
<i>Breakfast to be taken in Holgate House, Grey College</i>		



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EVENING PROGRAMME OF LECTURES

WEDNESDAY 21ST JULY (Holgate House)		
9.00 p.m.	<u>P. Etingof</u>	On quantization of nonstandard quasitriangular structures on simple Lie algebras (after Travis Schedler)
9.40 p.m.	<u>D. Parashar</u>	On some 2-parameter quantum and Jordanian deformations, and their coloured extensions
THURSDAY 22ND JULY (Holgate House)		
9.00 p.m.	<u>G. Letzter</u>	Quantum symmetric pairs and their Harish-Chandra Modules
9.40 p.m.	<u>I. Musson</u>	Finite quantum groups and pointed Hopf algebras
FRIDAY 23RD JULY (Holgate House)		
8.30 p.m.	<u>E. Beggs</u>	An introduction to group doublecross products and some uses
9.10 p.m.	<u>D. Radford</u>	The reduced FRT construction
SATURDAY 24TH JULY (Holgate House)		
8.30 p.m.	<u>B. Drabant</u>	A survey of recent results on bialgebra factorizations
9.10 p.m.	<u>R.J. Marsh</u>	Quivers and quantum group combinatorics