Summer School
Geometry of quiver-representations and preprojective algebras [1]

10-17 September 2000 at Isle of Thorns (Sussex, UK)

Programme

Sunday 10 September (afternoon)
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ARRIVAL

Monday 11 September (morning)

8.45-8.55	Opening
9.00-9.50	R. ROUQUIER Affine quotients
10.05-10.55	ANTWERP TEAM Representation spaces of quivers with relations
	Coffee
11.30-12.20	G. BOBINSKI, C. CZANTO Degenerations of modules correspond to extensions

Monday, 11 September (afternoon)

15.30-16.20	R.K. SETHI, J. E. VATNE Stable and semi-stable points
16.35-17.25	K. BAUR, S. MOHRDIECK Moduli spaces
17.40-18.30	D. RUMYNIN, D. SHEIHAM Universal bundles

Tuesday, 12 September (morning)

9.00-9.50	A-M AUBERT, E. GODDELLE, A. ZIMMERMANN General representations of quivers
10.05-10.55	B.T. JENSEN, D. MADSEN Maps between general representations
	Coffee
11.30-12.20	J. BENDER, C. CHESNE Schubert varieties

Tuesday, 12 September (afternoon)

15.30-16.20	I. GORDON, H. NAGASE Schubert calculus
16.35-17.25	A. COX, M. FAYERS, K. RIETSCH Chern class calculations
17.40-18.30	BUCHAREST TEAM Introduction to Kac-Moody algebras

[1] www.amsta.leeds.ac.uk/~pmtwc/quiver/.
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Wednesday, 13 September (morning)	
9.00-9.50	D. Kussin, F. Stumbo Kac's Theorem on indecomposable reps of quivers
10.05-10.55	R. Bocklandt, B. Sevenhant Symplectic forms & preprojective algebra Coffee
11.30-12.20	A, Hubery, J. Schroer Nilpotent Variety

Wednesday 13 September (afternoon)

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Discussion

Thursday, 14 September (morning)	
9.00-9.50	G. Carnovale, R. Marsh, J. Shepherd Crystal bases in quantized enveloping algebras
10.05-10.55	O. Khomenko Geometric construction of crystal bases Coffee
11.30-12.20	L. Hille Construction of the positive part for Dynkin Lie algebras

Thursday, 14 September (afternoon)	
15.30-16.20	M. Reineke Constructible functions and enveloping algebras
16.35-17.25	A. Maffei Nakajima's quiver varieties
17.40-18.30	O. Schiffmann Construction of integrable representations

Friday, 15 September (morning)	
9.00-9.50	V. Ginzburg Non-commutative Geometry, Wilson's Grassmannian and Quiver Varieties, I
10.05-10.55	G. Zwara Types of singularities of orbit closures in module varieties Coffee
11.30-12.20	L. Le Bruyn Noncommutative Geometry (and beyond), I

Friday, 15 September (afternoon)	
15.30-16.20	H. Nakajima Quiver varieties and quantum affine algebras, I
16.35-17.25	A. Schofield The birational classification of moduli spaces, I
17.40-18.30	H. Derksen On the σ-stable decomposition

Saturday, 16 September (morning)	
9.00-9.50	G. Lusztig Constructible functions on varieties attached to quivers, I
10.05-10.55	L. Le Bruyn Noncommutative Geometry (and beyond), I Coffee
11.30-12.20	V. Ginzburg Non-commutative Geometry, Wilson's Grassmannian and Quiver Varieties, II

Saturday, 16 September (afternoon)	
15.30-16.20	H. Nakajima Quiver varieties and quantum affine algebras, II
16.35-17.25	A. Schofield The birational classification of moduli spaces, II
17.40-18.30	G. Lusztig Constructible functions on varieties attached to quivers, II

Sunday, 17 September (morning)	
9.00-9.50	G. Lusztig Constructible functions on varieties attached to quivers, III
10.05-10.55	H. Nakajima Quiver varieties and quantum affine algebras, III Coffee
11.30-12.20	V. Ginzburg Non-commutative Geometry, Wilson's Grassmannian and Quiver Varieties, III

Sunday 17 September (afternoon)

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Departure