

Completely Solvable Systems in Field Theory

Wednesday, 23 July

9.30	M.F.Atiyah	Introduction; Monopole Scattering.
11.15	R.J.Baxter	Solvable Models in Statistical Mechanics I.
4.00	P.Goddard	Kac-Moody and Virasoro Algebras and their Representations.
5.15	V.Korepin	Quantum Inverse Scattering.

Thursday, 24 July

9.30	M.Sato	D-Modules and Integrable Systems.
11.15	W.Nahm	Conformally-invariant QFTs. I.
2.00	Li	Symmetries and Conserved Quantities in Non-Linear Evolution Equations.
4.00	V.Kac	mKP. I.
5.15	D.Olive	∞ -dimensional Algebras and Integrable Non-Linear σ -Models

Friday, 25 July

9.30	W.Nahm	II
11.15	N.J.Hitchin	Stable Bundles and Integrable Systems.
2.00	K/Takasaki	Higher Dimensional Integrable Systems.
4.00	A.Perelomov	2 and 3-loop Amplitudes in Bosonic String Theory
5.15	P. vanMoerbeke	The geometry of Integrable systems and their Laurent Solutions.

Saturday, 26 July

9.30)	M.Jimbo & T.Miwa	Integrable Lattice Models and Representation Theory.
11.15)		
4.00	R.J.Baxter	Solvable Models in Statistical Mechanics II
5.15	M.Adler	Integrable Systems and Geodesic Flow in $SO(4)$

Monday, 28 July

9.30	V.Kac	mKP. II.
11.15	V.Korepin	Quasu-crystals.
2.15	P.Kronheimer	Kleinian Singularities and SD Einstein Equation
4.00	H.Thacker	Connection between Virasoro and Yang-Baxter Algebras.
5.15	M.Saveliev	Integrability problem, Multi-dimensional Non-linear Dynamical Systems.

Tuesday, 29 July

- 9.30 J.Harnad Embedding Finite-dim. Integ. Systems into ∞ -dim. Ones.
- 11.15 E.Gutkin Quantum Non-Linear Schrodinger Equation.
- 2.30 - 6.00 Sine-Gordon Statistical Mechanics and Related Topics.
R.Bullough, M.Fowler, Yi Cheng, Zhuhan Jiang, et al.

Wednesday, 30 July

- 9.30 H.J.deVega Integrability of Self-Dual Yang Mills
- 11.15 P.West Covariant String Theory
- 2.15 Cathedral Tour
- 5.00 - J.Hurtubise Instantons and Jumping Lines.
5.45
- 5.45 - P.Braam Monopoles in General Three-Spaces
6.30
- 7.00 for 7.30 Symposium Dinner

Thursday, 31 July

- 9.30 B.Kupershmidt Lie Algebras and KdV
- 11.15 N.S.Manton Monopole Scattering
- 3.00 - I. Marshall Separability of Hamilton-Jacobi Equations.
3.30
- 3.30 - A.Fordy Integrable Systems and Symmetric Spaces,
4.30 including Integrable Hamiltonian Systems with
Cubic and Quartic Potentials.
- 4.30 - C.Athorne Some integrable systems in (2+1)-dimensions.
5.00
- 5.15 Z.Horvath Fractional Charge in YM Theory.