

Monday 3rd July	Tuesday 4th July	Wednesday 5th July	Thursday 6th July	Friday 7th July	Saturday 8th July
	8.00 Breakfast	8.00 Breakfast	8.00 Breakfast	8.00 Breakfast	8.00 Breakfast
	9.00 Eberly Lewis	9.00 Simms Lambropoulos	9.00 Eberly Lewis	9.00 Buses leave for excursion to Hadrian's Wall	9.00 Segal Lambropoulos
	10.50 Coffee	10.50 Coffee	10.50 Coffee		10.50 Coffee
	11.10 Scully Bullough ^{oo}	11.10 Agarwal ^{oo} Swain ^{oo}	11.10 Scully Simms		11.10 Milloni ^{oo} Haake ^{oo}
	1.00 Lunch	1.00 Lunch	1.00 Lunch	Packed lunch	1.00 Lunch
	2.00 Buses leave for Independence Day excursion to Washington Old Hall, tour of Newcastle- upon-Tyne, and barbecue at Close House	2.00 Davies ^{oo} Jaynes* Wodkiewicz*	2.00 Ben-Reuven ^{oo} Rosenberg* Knight* Agerwal*		2.00 O'Connell ^{oo} Woolley ^{oo}
4.00 Registration	4.00 Tea	3.45 Tea	3.45 Tea		
	4.00 Andrews* Faisal* Thompson* Elgin*	4.00 Flytzanis ^{oo} Yuratic ^{oo}			
6.30 Sherry	6.30 Dinner at Grey	6.30 Dinner at Grey	7.30 Buses leave for Castle	6.30 Dinner at Grey	6.30 Dinner at Grey
7.00 Dinner at Grey	8.00 Kibble ^{oo}	8.00 Bialynicki- Birula ^{oo}	7.45 Sherry in Turnstall Gallery		
9.00-11.00 Bar and Games Room open each evening			8.15 Dinner in Banqueting Hall		

Sunday 9th July	Monday 10th July	Tuesday 11th July	Wednesday 12th July	Thursday 13th July
8.30 Breakfast	8.00 Breakfast	8.00 Breakfast	8.00 Breakfast	8.00 Breakfast
	9.00 Eberly Lewis	9.00 Segal Lambropoulos	9.00 Eberly Lewis	Departures
10.00 Wodkiewicz ^{oo}	10.50 Coffee	10.50 Coffee	10.50 Coffee	
10.50 Coffee	11.10 Rzazewski* Woolley* Henneberger*	11.10 Streater ^{oo} Ion* Hudson* Truman*	11.10 Scully Segal	
1.00 Lunch	1.00 Lunch	1.00 Lunch	1.00 Lunch	
	2.00 Stehle ^{oo} Loudon ^{oo}	2.00 Bullough ^{oo} Kitchenside* Hermann* Obada*	2.00 Simms Lambropoulos	
	3.45 Tea	3.45 Tea	3.45 Tea	
	4.00 Shore (film) Bialynicki- Birula* Shieh* Scully*	4.00 Gibbon ^{oo} Sewell ^{oo}	4.00 Segal	
6.30 Dinner at Grey	6.30 Dinner at Grey	6.30 Dinner at Grey	6.30 Sherry	
	8.00 Buses leave for 8.30 Cathedral organ recital		7.00 Banquet at Grey	

NOTES

^{oo} 50 min. tall

* 15 min. tall

List of Talks by Participants

Agarwal	Title to be announced	Milonni	Semiclassical theory of three-level gas lasers
Andrews	The representation of laser impulses in quantum field theory	Obada	Magnetic-dipole contributions to the field-reaction theory
Ben-Reuven	Resonance scattering of radiation by a thermally relaxing N-level atom	O'Connell	Position operators in relativistic quantum theory and some concerns about field theory
Bialynicki-Birula	Nonlinear wave mechanics Phase representation in quantum optics	Rzazewski	On Hepp-Lieb superradiant phase transition
Bullough	Solitons Multiple sine-Gordon equations: degenerate self-induced transparency and spin waves in superfluid ^4He	Rosenberg	Continuum level-shift effects in the theory of multiphoton transitions
Davies	Quantum dynamical semigroups	Sewell	Problems in the theory of non-linear quantum dynamical systems
Elgin	Non-linear frequency mixing with ultrashort pulses, with special emphasis on 3rd harmonic generation	Shieh	Quantum mechanical interpretation of Jacobi's theorem applied to the motion of an asymmetric top
Faisal	Pulsed propagation under 2-photon near-resonant conditions	Shore	Film: title to be announced
Flytzanis	Optical non-linearities in low-dimensionality systems and conjugated polymers	Scully	On the gravitational interaction of intense laser beams
Gibbon	Multiple soliton solutions of nonlinear wave equations in several spatial dimensions	Stehle	Non-linear response of resonant systems
Haake	Superfluorescence - average over classical trajectories	Streater	Non-Gaussian measures on function space
Henneberger	The space-translation method and its application to the stimulated bremsstrahlung problem	Swain	Continued fraction methods in non-linear quantum optics
Hermann (with Bullough)	Superfluorescence and distortionless pulses in amplifying degenerate media	Thompson	Three photon processes and optical pulse propagation
Hudson	A non-commutative Feynman-Kac formula	Truman	On mathematics with applications in quantum theory
Ion	Remarks on quantum mechanical central limit theorems	Wodkiewicz	Gauge independent canonical formalism for Maxwell equations Multiplicative stochastic processes in quantum optics
Jaynes	Title to be announced	Woolley	On non-linear aspects of semi-quantum mechanics On the Power-Zienau-Woolley transformation
Kibble	Can quantum mechanics be non-linear?	Yuratich	Adiabatic states in non-linear optics
Kitchenside	Perturbation theory and numerical studies of the double sine-Gordon equation		
Knight	Dynamic stark splitting of multiphoton resonances		
London	On coupled rate equations		