

O'Raifeartaigh Memorial Conference

School of Theoretical Physics
Dublin Institute for Advanced Studies

September 26-28, 2002

Speakers

A. P. Balachandran	J. Balog	H. D. Doebner
L. Feher	R. Flume	P. Forgacs
G. Jorjadze	J.-L. Gervais	R. Jackiw
G. B. Mainland	W. McGlinn	R. Musto
S. Rouhani	I. Sachs	T. Sherry
R. D. Sorkin	I. Tsutsui	V. V. Sreedhar
J. Wess	A. Wipf	

Thursday Sept. 26

9.15 - 10.00	Registration
9.50 - 10.00	Welcome Address
	1. Session chair: T. Tchrakian
10.00 - 10.45	R. Jackiw (MIT) <i>Fluid Mechanics and Non-Commutative Gauge Theory</i>
	Coffee/Tea
	2. Session chair: M. Fry
11.15 - 12.00	J. Balog (Budapest) <i>Thermal Bethe Ansatz Y-System as Classical Dynamical Problem</i>
12.15 - 12.30	P. Forgacs (Tours) <i>A Quantum Theory of the 2 Killing Vector Reduction of General Relativity</i>
12.30 - 12.45	G. Jorjadze (Tbilisi) <i>Gauged $SL(2,R)$ WZNW Theories</i>
12.45 - 13.00	L. Feher (Szeged) <i>Dynamical r-Matrices and the Chiral WZNW Phase Space</i>
13.00 - 14.45	Lunch
	3. Session chair: N. Buttimore
14.45 - 15.30	S. Rouhani (Tehran) <i>BRST Structure in Logarithmic Conformal Field Theory</i>
15.45 - 16.30	W. McGlinn (Notre Dame) <i>The O'Raifeartaigh Theorem</i>
	Coffee/Tea

Friday Sept. 27

1. Session chair: W. Nahm

- 10.00 - 10.45 **J. Wess** (Munich)
Gauge Theories on Non-Commutative Spaces

Coffee/Tea

2. Session chair: M. Tuite

- 11.15 - 12.00 **I. Tsutsui** (Tsukuba)
Physical Aspects of a Quantum Singularity on a Line
- 12.15 - 12.30 **H. D. Doebner** (Clausthal)
On Nonlinear Gauge Transformations
- 12.30 - 12.45 **G. B. Mainland** (Ohio)
Two-Body, Bound-State Bethe-Salpeter Equation

12.45 - 14.30 Group Picture/Lunch

3. Session chair: T. Garavaglia

- 14.30 - 15.15 **V. V. Sreedhar** (Kanpur)
What Textbooks don't tell you about the Point Particle
- 15.30 - 16.15 **A. P. Balachandran** (Syracuse)
Topology and Fuzzy Physics

Coffee/Tea

19.30 Conference Dinner at the Burlington Hotel

Saturday Sept. 28

1. Session chair: S. Shatashvili

- 10.00 - 10.45 **J.-L. Gervais** (Paris)
The simple Supersymmetry behind 10 Dimensional Yang-Mills Superfields

Coffee/Tea

2. Session chair: B. Dolan

- 11.15 - 12.00 **I. Sachs** (Dublin)
Superfield Noether Procedure
- 12.15 - 12.30 **R. Flume** (Bonn)
Evaluation of the Coefficients of the Seiberg-Witten Prepotential
- 12.30 - 12.45 **R. Musto** (INFN)
*Complementarity, Measurement and Information
in Interference Experiments*
- 12.45 - 13.00 **T. Sherry** (Galway)
*Renormalisation Mass-Scale Dependence
in Perturbative Calculations*

13.00 - 14.45 Lunch

3. Session chair: D. O'Connor

- 14.45 - 15.30 **R. Sorkin** (Syracuse)
A Fluctuating Cosmological Term with a Quantum Origin
- 15.45 - 16.30 **A. Wipf** (Jena)
The Supersymmetric Hydrogen-Atom

Coffee/Tea

Enquiries: Margaret Matthews
School of Theoretical Physics
Dublin Institute for Advanced Studies
10 Burlington Road
Dublin 4
Ireland
E-mail: matthews@stp.dias.ie
Tel: +353-1-614 0137
Fax: +353-1-668 0561

Conference Website: www.stp.dias.ie/TPPG/memorial.html