

Solvay Workshop on 'Le Charme Discret de la Symétrie' 5 - 6 March 2015 Program

Thursday March 5

9:00 9:30 REGISTRATION

Morning Session - Chair: Lars Brink

9:30	9:45	Opening Address	by Jean-Marie Solvay, President of the Institutes
9:45	10:30	Hermann Nicolai	<i>N=8 supergravity and standard model fermions</i>
10:30	10:50	COFFEE BREAK	
10:50	11:35	Adam Schwimmer	<i>Penrose-Brown-Henneaux transformations and trace anomalies</i>
11:35	12:25	Andrei Slavnov	<i>Soliton solutions of classical equations of motion in the formulation of the Yang-Mills theory</i>
12:25	12:35	Group Photo	
12:35	14:00	LUNCH	

Afternoon Session - Chair: Luca Mezincescu

14:00	14:45	Peter West	<i>E₁₁ and Dualities</i>
14:45	15:35	Kostas Skenderis	<i>Conformal field theory in momentum space</i>
15:35	15:55	COFFEE BREAK	
15:55	16:40	Daniel Persson	<i>Infinite-dimensional U-duality and automorphic forms on Kac-Moody groups</i>
19:30		BANQUET	

Friday March 6

Morning Session - Chair: Joaquim Gomis

9:30	10:15	Laurent Baulieu	<i>Ghost and shadows, and finiteness questions in supersymmetry</i>
10:15	10:35	COFFEE BREAK	
10:35	11:20	Soo-Jong Rey	<i>Let's Dump Charge and Spin Up Black Hole! - Part (2)</i>
11:20	12:10	Bernard Julia	<i>Exceptional confluences: from Halphen-Painlevé to field-string theory and back</i>
12:10	14:00	LUNCH	

Afternoon Session - Chair: François Englert

14:00	14:45	Axel Kleinschmidt	<i>$K(E10)$ as R-symmetry group</i>
14:45	15:35	Pierre Ramond	<i>Goûts et Symétries: la Symétrie des Saveurs</i>
15:35	15:55	COFFEE BREAK	
15:55	16:40	Slava Mukhanov	<i>Inflation without Selfreproduction</i>