

6th International School and Workshop on Quantum Field Theory & Hamiltonian Systems
6-11 May 2008, Călimănești-Căciulata, Romania

Date	Time	Activity	Place	
Tuesday May 6 2008	12:00-19:30	Arrival	Caciulata Hotel	
	19:30-	Dinner	Caciulata Hotel	
Wednesday, May 7 2008	8:00-8:50	Breakfast	Caciulata Hotel	
	8:50-9:00	Opening session	Conference Hall	
	Session I – Chairman Solange-Odile Saliu			
	9:00-9:40	L1 Glenn Barnich, Dyons with potentials: duality and black hole thermodynamics (I)	Conference Hall	
	9:40-10:20	L2 Simon Lyakhovich, BRST complex and quantization beyond Lagrangian formalism	Conference Hall	
	10:20-11:00	L3 Xavier Bekaert, Weyl calculus and Noether couplings (I)	Conference Hall	
	11:00-11:30	Coffee break	Conference Hall	
	Session II– Chairman Mihai Vişinescu			
	11:30-12:10	L4 Apolodor Răduță, Double beta decay on excited collective states	Conference Hall	
	12:10-12:50	L5 Gheorghe Zet, Gauge theories on noncommutative space-time	Conference Hall	
	12:50-13:30	L6 Dan Grecu, Soliton stability of generalized NLS equations	Conference Hall	
	13:30-16:30	Lunch & nap	Caciulata Hotel	
	Session III – Chairman Apolodor Răduță			
	16:30-17:10	L7 Boyka Aneva, Many-body systems with a flow and exact solvability (I)	Conference Hall	
	17:10-17:50	L8 Dan Grigore, Gauge invariance and cohomology in the Epstein-Glaser approach	Conference Hall	
	17:50-18:30	L9 Thomas Strobl, Gauge theories and Q-bundles (I)	Conference Hall	
	19:30-	Welcome cocktail	Caciulata Hotel	
	Thursday May 8 2008	8:00-9:00	Breakfast	Caciulata Hotel
		Session IV– Chairman Dumitru Vulcanov		
9:00-9:40		L10 Boyka Aneva, Many-body systems with a flow and exact solvability (II)	Conference Hall	
9:40-10:20		L11 Radu Constantinescu, Complete dynamics in the extended phase-space	Conference Hall	
10:20-11:00		L12 Thomas Strobl, Gauge theories and Q-bundles (II)	Conference Hall	
11:00-11:30		Coffee break	Conference Hall	
Session V– Chairman Dan Grigore				
11:30-12:10		L13 Vasil Tsanov, Homogeneous quaternionic and related structures (I)	Conference Hall	
12:10-12:50		L14 Dumitru Vulcanov, Numerical investigations in Ricci flow on 2 and 3 dimensional surfaces	Conference Hall	
12:50-13:30		L15 Ciprian Acatrinei, Quantum fields on noncommutative spaces	Conference Hall	
13:30-16:30		Lunch & nap	Caciulata Hotel	
Session VI– Chairman Dan Grecu				
16:30-17:00		W1 Mihai Vişinescu, String cosmological model in the presence of a magnetic flux	Conference Hall	
17:00-17:25		W2 Glenn Barnich, Dyons with potentials: duality and black hole thermodynamics (II)	Conference Hall	
17:25-17:50		W3 Xavier Bekaert, Weyl calculus and Noether couplings (II)	Conference Hall	
17:50-18:10		W4 Radu Constantinescu, Classical and non-classical symmetries for 2D Kuramoto-Sivashinsky model	Conference Hall	

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	18:10-18:30	W5 George Kirilov Dimitrov, Moduli spaces of complex structures on the real forms of $SL(3, \mathbb{C})$	Conference Hall
	19:30-	Barbecue	Outdoor party
Friday May 9 2008	8:00-9:00	Breakfast	Caciulata Hotel
	Session VII– Chairman Anca Vişinescu		
	9:00-9:40	L16 Vasil Tzanov, Homogeneous quaternionic and related structures (II)	Conference Hall
	9:40-10:20	L17 Constantin Bizdadea, Various topics in BRST symmetry and BRST cohomology	Conference Hall
	10:20-11:00	L18 George Zoupanos, Finite Unified Theories and the prediction of the Higgs mass	Conference Hall
	11:00-11:30	Coffee break	Conference Hall
	Session VIII– Chairman Gheorghe Zet		
	11:30-12:10	L19 George Zoupanos, Higher dimensional unified theories with continuous and fuzzy extra dimensions	Conference Hall
	12:10-12:50	L20 Paul Popescu, Lagrange and Hamilton foliations	Conference Hall
	12:50-13:10	W6 Eugen Ciochioianu, Massless QCD-like theories	Conference Hall
	13:10-13:30	W7 Silviu Săraru, Irreducible Dirac bracket for gauge-fixed four-forms	Conference Hall
	13:30-16:30	Lunch & nap	Caciulata Hotel
	16:30-	Excursion and banquet at Voineasa resort	Bus trip
	Saturday May 10 2008	8:00-9:00	Breakfast
Session IX– Chairman Constantin Bizdadea			
9:00-9:40		L21 Ioannis Bakas, Quasinormal modes and hydrodynamics of AdS_4 black-holes (I)	Conference Hall
9:40-10:20		L22 Adrian Costescu, Two photon atomic processes	Conference Hall
10:20-11:00		L23 Ioannis Bakas, Quasinormal modes and hydrodynamics of AdS_4 black-holes (II)	Conference Hall
11:00-11:30		Coffee break	Conference Hall
Session X– Chairman Ciprian Acatrinei			
11:30-11:50		W8 Mihail Sandu, Special features of Celestial Dynamics. Advanced problems.	Conference Hall
11:50-12:10		W9 Carmen Ionescu, The spectrum of the generators in the $sp(3)$ BRST Lagrangian approach for 1-reducible theories	Conference Hall
12:10-12:30		W10 Alexandru Tudor Grecu, Dust acoustic solitons in a dusty plasma with dust charge variation	Conference Hall
12:30-12:50		W11 Eugen Diaconu, 11-dimensional Supergravity as an interacting theory on Minkowski space	Conference Hall
12:50-13:10		W12 Dan Cornea, Interactions in theories with many massless tensors with the mixed symmetry $(3,1)$. Case of couplings with a vector field	Conference Hall
13:10-13:30		W13 Dragoljub Dimitrijević, Tachyons as classical and quantum particles	Conference Hall
13:30-16:30		Lunch & nap	Caciulata Hotel
20:30-	Farewell party	Caciulata Hotel	
Sunday May 11 2008	8:00-9:00	Breakfast	Caciulata Hotel
	9:00-11:00	Round table: “International programs in Theoretical Physics”	Conference Hall
	11:00-11:15	Closing session	Conference Hall
	13:30-15:00	Farewell lunch	Caciulata Hotel
	15:00-	Departure	