



Institutul de Statistică Matematică și
Matematică Aplicată
"Gheorghe Mihoc- Caius Iacob"

***Caius Iacob* Conference** **Bucharest, 10-12 October, 2012**

- General schedule-

Wednesday 10 October 2012 Library of Romanian Academy	
8.30-9.00	Registration
9.00-11.00	Homagial Section "Caius Iacob" Centennial
11.00-11.20	Coffee Break
11.20-13.20	Scientific Communications
13.20-14.30	Lunch

Thursday 11 October 2012 INCAS Headquarters	
15.30-16.30	Scientific Communications
16.30-17.00	Coffee Break
17.00-18.00	Scientific Communications
19.00	Dinner

Friday 12 October 2012 INCAS Headquarters	
11.00-13.00	Scientific Communications
13.00-14.00	Lunch
14.00-15.40	Scientific Communications

Wednesday 10 October 2012
Library of Romanian Academy
Homagial Section

Time 9.00-11.00	Speakers	
	Acad. Viorel BARBU	Acad. Caius Iacob, savant și om al cetății
	Prof. dr. Mircea LUPU and Prof. dr. Constantin MARINESCU	Evocări și amintiri din viața și activitatea academicianului Caius Iacob
	Prof. dr. Liviu SOFONEA	Meditam adesea, d'impreună cu savantul & profesorul nepereche academicianul Caius Iacob, mai ales despre complexitatea Mecanicii/Mecanologia: <i>scientia motus</i>
	Prof. dr. Adriana NĂSTASE	Subiect rezervat
	Dr. ing. Horia DUMIRESCU	Subiect rezervat
	Conf. Dr. Victor ȚIGOIU	Subiect rezervat
	Prof. Dr. Horia ENE	Subiect rezervat
	Prof.dr Alexandru NICOLAU	Subiect rezervat

Wednesday 10 October 2012
Library of Romanian Academy
Scientific Communications

Time 11.20-13.20	Speakers	
	Adrian CARABINEANU	Free-Surface Flow Past Submerged Hydrofoils
	Mircea LUPU	New theoretical or applicative mathematical methods in the study of the fluids with free surfaces movement
	Horia DUMITRESCU, Vladimir CARDOS and Florin FRUNZULICA	Three-dimensional effects of impinging flow on rotating disc
	Mircea Dimitrie CAZACU and Cabiria ANDREIAN CAZACU	On the gravitation theory

Thursday 11 October 2012
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Scientific Communications

Time	Speakers	
15.30-15.50	Corneliu BERBENTE, Sorin BERBENTE, Marius BREBENEL	A detailed laminar flow field within the normal shock wave considering variable specific heats, viscosity and Prandtl numbers
15.50-16.10	Stefan N. SAVULESCU and Florin BALTARETU	Analysis of the Microscopic – Macroscopic Structure in Real Fluid Flows
16.10-16.30	Agneta Maria BALINT and Robert SZABO	Numerical investigation of the zero's of some dispersion relations appearing in sound attenuation problems in rectangular lined ducts, carrying a gas flow
Coffee break		
17.00-17.20	Agneta Maria BALINT, Loredana TANASIE	Numerical investigation of the zero's of some dispersion relations appearing in sound attenuation problems in circular lined ducts carrying a gas flow
17.20-17.40	Stefan BALINT and Agneta Maria BALINT	Propagation of the initial value perturbation in a circular lined duct carrying a gas flow
17.40-18.00	Balazs ALBERT and Titus PETRILA	Mathematical Models and Numerical Simulations for the Blood Flow in Large Vessels

Friday 12 October 2012
INCAS Headquarters
Scientific Communications

Time	Speakers	
12.40-13.00 Section 5	Florin FRUNZULICA, Alexandru DUMITRACHE and Octavian PREOTU	Flow control on aerodynamic airfoil using blowing jet on Coanda surface
11.00-11.20	Daniela BARAN	Lyapunov exponents for dynamical systems as a tool for studying fluid-structure interaction problems
11.20-11.40	Ioan RUSU	Free compression tube. applications
11.40-12.00	Ioan SEBESAN, Sorin ARSENE	Considerations on study the aerodynamic of pantographs railway vehicles
12.00-12.20	Gheorghe JUNCU, Aurelian NICOLA, Constantin POPA and Elena STROILA	Iterative Methods for Numerical Solution of Non – Linear Multi - Component Mass Transfer Equations
12.20-12.40	Ioan SEBESAN, Gheorghe GHITA and Dan BAIASU	A magnetorheological suspension system for high speed railway vehicles
12.40-13.00	Dumitru POPESCU and Ecaterina MARIES	How one establishes a working program for a pulsatory liposome?
Lunch		
14.00-14.20	Isabelle GRUAIS Dan POLISEVSCHI	Homogenizing a low viscosity flow through a fractured porous media
14.20-14.40	Gelu PASA	Surfactant effects in Landau-Levich problem
14.40-15.00	Ruxandra STAVRE	Viscous fluid-thin elastic structure interaction: asymptotic modeling
15.00-15.20	Stefan Gicu-CRUCIANU and Dorin Marinescu	The parameter domain for a bio-accumulation model with error measurements
15.20-15.40	Stelian ION	Mathematical Modelling of Soil Erosion Process