

*Alexander von Humboldt Foundation: <http://www.humboldt-foundation.de/web/home.html>
Faculty of Mathematics and Computer Science, Ovidius University, Constanta, the Mathematical
Institute "Simion Stoilow" of the Romanian Academy Bucharest and the Romanian Mathematical Society
organize*

International Conference & Humboldt Kolleg

“Fundamental Structures of Algebra”

In honor of the 70th birthday of Professor SERBAN BASARAB

April 14 - 18, 2010

<http://math.univ-ovidius.ro/Conference/70/>

PROGRAM

Wednesday, 14.04.2010 - Arrival Day

Arrival of participants (shuttle-bus transfer from Airport Otopeni);

19.30- Dinner: Hotel Megalos

Thursday, 15.04.2010

Registration: 08.30-09.00, “Ovidius” University, Constanta, Conference Room

09.00–10.00	<i>Opening</i> Chairman: Mirela STEFANESCU	
<i>Chairman: Angus MACINTYRE</i>		
10.00–10.40	Vasile BRINZANESCU	<i>Twisted Fourier-Mukai transform and applications</i>
10.40–11.00	Coffee Break	

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SOFTWIN GROUP

<i>Chairman: Franz-Viktor KUHLMANN</i>		
11.00–11.40	Angus MACINTYRE	<i>Model Theory of Adeles Revisited</i>
11:50–12.30	Toma ALBU	<i>From field theoretic to abstract Cogalois Theory</i>
12.40–13.20	Zoe CHATZIDAKIS	<i>Model theory of difference fields and applications</i>

13.20 – 15.00 Buffet Lunch (*next to the conference room*)

<i>Chairman: Ivan CHIPCHAKOV</i>		
15.00 – 15.40	Peter ROQUETTE	<i>What is reciprocity?</i>
15.50 – 16.30	Constantin-Nicolae BELI	<i>Reciprocity laws for Legendre symbols of the type $\\$(a+b\sqrt{m}/p)\\$</i>
16.30 – 16.50	Coffee Break	
<i>Chairman: Zoe CHATZIDAKIS</i>		
16.50 – 17.30	Dirk SEGERS	<i>Igusa's local zeta function and its poles</i>
17.40 – 18.20	Willem VEYS	<i>Zeta functions and jet spaces</i>
18.30 – 19.00	Irina CRISTEA	<i>Fuzzy grade and intuitionistic fuzzy grade of hypergroups</i>
Welcome Dinner - <i>Terasa Colonadelor Constanta</i>		

Friday, 16.04.2010

<i>Chairman: Eberhard BECKER</i>		
09.00 – 09.40	Manfred KNEBUSCH	<i>Valuations on semirings and supervaluations</i>
09.50 – 10.30	Marian APRODU	<i>Syzygies of curves on K3 surfaces</i>
10.30 – 10.50	Coffee Break	
<i>Chairman: Manfred KNEBUSCH</i>		
10.50 – 11.30	Wilfrid HODGES	<i>Relative categoricity in abelian groups III</i>

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11.40 – 12.20	Eberhard BECKER	<i>The space of real places of real function fields</i>
12.30 – 13.10	Ivan CHIPCHAKOV	<i>On Brauer groups, valuations and decomposition groups of quasilocal fields</i>

13.10 – 15.00 Buffet Lunch (*next to the conference room*)

<i>Chairman: Peter ROQUETTE</i>		
15.00 – 15.40	Franz-Viktor KUHLMANN	<i>On spaces of real places</i>
15.50 – 16.20	Eva LEENKNEGT	<i>On a minimal language for the semi-algebraic subsets of p-valued fields</i>
16.30 – 17.00	<i>Presentation of Alexander von Humboldt Foundation programs and providing informational material</i>	
17.00 – 17.20	Coffee Break	
<i>Chairman: Thomas MÜLLER</i>		
17.20 – 18.00	Paltin IONESCU	<i>Projective manifolds covered by lines</i>
18.10 – 18.50	Mihai CIPU	<i>Small solutions to systems of polynomial equations with integer coefficients</i>

19.30- Dinner: Hotel Megalos

Saturday, 17.04.2010

<i>Chairman: Willem VEYS</i>		
09.00 – 09.40	Oleg BELEGRADEK	<i>Coset-minimal ordered groups</i>
09.50 – 10.30	Stefan PAPADIMA	<i>Untwisting cohomology</i>
10.30 – 10.50	Coffee Break	
<i>Chairman: Dirk SEGERS</i>		
10.50 – 11.30	Thomas MÜLLER	<i>A class of groups universal for free R-tree actions</i>

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11.40 – 12.20	Dorin POPESCU	<i>Bounds of Stanley depth</i>
12.30 – 13.10	Florin RADULESCU	<i>Group Algebras and von Neumann algebras</i>

13.10 – 15.00 Buffet Lunch (*next to the conference room*)

<i>Chairman: Oleg BELEGRADEK</i>		
15.00 – 15.40	Nicolae POPA	<i>A matrix version of harmonic analysis</i>
15.50 – 16.20	Alexander GUTERMAN	<i>Frobenius endomorphisms on matrix spaces</i>
16.20 – 16.40	Coffee Break	
<i>Chairman: Wilfrid HODGES</i>		
16.40 – 17.10	Nicolae BONCIOCAT	<i>From prime numbers to irreducible multivariate polynomials</i>
17.20 – 18.00	Nicolae MANOLACHE	<i>Cuspidal locally complete intersection nilpotent structures</i>

Conference Party at vineyard Murfatlar

Sunday, 18.04.2010 – Departure Day

Shuttle-bus transfer from Constanta to Airport Otopeni, Bucharest

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