

**82<sup>th</sup> Arbeitstagung Allgemeine Algebra**  
**26<sup>th</sup> Konferenz für Junge Algebraiker**

**Potsdam, June 24 - 26, 2011**

**PROGRAMME**

**Friday, June 24 , 2011, Conference Office in Foyer 0.61: Registration 08.00 – 09.00**

09.15	<b>H 0.59</b> Opening Ceremony:	
	<b>Head of the Institute of Mathematics: Prof. Jahnke</b>	
09.30-10.25	<b>Don Mc Alister: Transformation Semigroups, Congruences, Idempotents, and Subsemigroups</b>	
10.30-11.00	<b>Coffee Break</b> in 0.61	
	<b>H 0.59</b>	<b>H 0.58</b>
11.00-11.20	<b>Chair: D. Mc Allister</b> S. M. Goberstein: On Lattice Isomorphisms of Orthodox Semigroups	<b>Chair: R. Pöschel</b> M. Behrisch: Nonrefinable Covers in Finite Algebras I
11.25-11.45	A. Jende: Coregular Transformation Semigroups	F. M. Schneider: Nonrefinable Covers in Finite Algebras II
11.50-12.10	J. Koppitz: Subsemigroups of the Monoid of all Transformations on an Infinite Set	S. Kerkhoff: On Using the “Most Basic Galois Connection in Algebra” in Categories
12.15-12.35	I. Dimitrova: Maximal Subsemigroups of Semigroups of Transformations Preserving or Reversing the Orientation on a Finite Chain	S. Solovjovs: Algebraically-topological Systems and Attachment
12.35-14.00	<b>Lunch Break</b>	
14.00-14.55	<b>M. Steinby: Varieties of Finite Semigroups, Finite Algebras, and Tree Languages</b>	
15.00-15.30	<b>Coffee Break</b>	
15.30-15.50	<b>Chair: I. Chajda</b> W. Supaporn: On Varieties of Partial Algebras, their Category and Definitionally Equivalences	<b>Chair: E. Aichinger</b> S. Afonin: On Automaticity of Finitely Generated Semigroups of Factorial Languages
15.55-16.15	A. S. Cevik: Some Minimality Results on Monoids	T. Boykett: Some Notes on Reversibility and Termination in Automata
16.20-16.40	Th. Changphas: On Subdirectly Irreducible $\rho$ -Gamma-semigroups	Sl. Shtrakov: On a Class of Finite Functions with Non-trivial Arity Gap
16.45-17.05	A. Plyushchenko: On the Word Problem for the Free Burnside Semigroup	Ch.. Pech: Combinatorial Approximations of $k$ -homogeneous Graphs
17.10-17.30	M. Khan: On Minimal Fuzzy Ideals of Semigroups	Th. Vetterlein: The Residuation Problem for Residuated $\mathcal{L}$ -Monoids
17.35-17.55	N. M. Ghroda: Bicyclic Semigroups of Left $\mathcal{I}$ -quotients	L. Shaheen: Axiomatisability Problems for $\mathcal{S}$ -posets
18.00-18.20	A. Distler: Presentations of Nilpotent Semigroups with Certain Ranks	K. Pavlyk: On Bicyclic Extensions of Linearly Ordered Groups
19.00	<b>Conference Dinner</b>	

**Saturday, June 25, 2011, Conference Office in Foyer 0.61**

08.30-9.25	<b>H 0.59</b> <b>J. Almeida: Profinite Algebras</b>	
09.30-10.25	<b>V. Fernandes: Semigroups of Transformations on a Finite Chain – Order and Orientation</b>	
10.25-11.00	<b>Coffee Break</b>	
	<b>H 0.59</b>	<b>H 0.58</b>
11.00-10.20	<b>Chair: V. Fernandes</b> M. Johnson: Green's J-order and the Rank of Tropical Matrices	<b>Chair: J. Almeida</b> R. Halaš: Non-associative BL-Algebras and Quantum Structures
11.25-11.45	R. Butkote: Recipotent Matrices and Abelian Groups	J. Kühr: Divisibility in Pseudo-BCK-algebras
11.50-12.10	Y. Susanti: Semirings of Boolean Operations	P. Jedlička: Nilpotency in Automorphic p-Loops
12.15-12.35	P. Jasionowski: Boolean Function Invariance Groups	M. Kondo: On a Problem about Filters of Residuated Lattices
12.35-14.00	<b>Lunch Break</b>	
14.00-14.55	<b>H 0.59</b> <b>M. Goldstern: Some Results on the Lattice of Centralizer Clones</b>	
15.00-15.55	<b>M. Volkov: Relatively Inherently Non-Finitely Based Varieties and Quasivarieties</b>	
16.00-16-30	<b>Coffee Break</b>	
16.30-16.50	<b>Chair: M. Steinby</b> R. Wille: Conceptual Data Systems	<b>Chair: R. Halaš</b> I. Chajda: Symmetric Differences on Posets with an Antitone Involution
16.55-17.15	E. Aichinger: The Clone of Congruence-Preserving Functions	V. Yu. Shaprynski: Identities and Quasiidentities in the Lattice of Overcommutative Semigroup Varieties
17.20-17.40	E. M. Vargas Garcia: Maximal C-clones	B. M. Vernikov: Identities in the Lattice of Epigroup Varieties I
17.45-18.05	S. Liebscher: On the Bounds of Intervals Arising from n-ary Parts	D. V. Skokov: Identities in the Lattice of Epigroup Varieties II
18.10-18.30	M. Pech: On k-ary Parts of Maximal Clones	E. Graczyńska: Dependence Spaces II
18.35-18.55	D. Jakubuková-Studenovská: Some Congruences and Some Quasiorders on Mono-unary Algebras	D. Delic: Treewidth-1 Duality for Oriented Trees
19.00-19.20	J. Pita Costa: Skew Lattice Ideals	D. Phusanga: Hypersubstitutions for Algebraic Systems
19.20	<b>Closing</b>	

**Sunday, June 26, 2011,**

**Sightseeing Trip to Berlin**