

# Programs

## **Program for participants. Time schedule**

**SUNDAY, SEPTEMBER 1, 2013**

Tallinn

11.00–13.00 Walking excursion in Tallinn (see p. 24)

**Science Centre AHHA**

Sadama 1, Tartu

Hall:

15.00–18.00 Registration

**History Museum of the University of Tartu**

Lossi 25, Toome Hill, Tartu

18.00–21.00 Welcome Reception (see p. 24)

**MONDAY, SEPTEMBER 2, 2013**

**Science Centre AHHA**

Sadama 1, Tartu

Hall:

8.00–9.00 Registration

Lecture room Lektorium:

9.00–9.15 Opening  
Welcome to Estonia

Chair: Albrecht Pietsch

9.20–9.50 Anne Tali  
*Life and Work of Professor Gunnar Kangro*

10.00–10.50 Richard M. Aron  
*The Bishop–Phelps–Bollobás theorem for operators, and Lindenstrauss properties A and B*

Coffee break

Chair: Keith Kearnes

11.10–12.00 Ralph McKenzie  
*Weird equations, tame congruences and crazy, wonderful people*

Lunch break

	Lecture room Lektorium:	Lecture room Laika:	Lecture room Apollo:
	<b>Analysis I</b>	<b>Algebra/Analysis I</b>	<b>Analysis II</b>
	Chair: Bernardo Cascales	Chair: Mikhail Volkov	Chair: Johann Boos
13.00–13.30	Petr Hájek <i>The Szlenk index of <math>L_p(X)</math></i>	László Márki <i>Commutative orders in semigroups</i>	Maria Skopina <i>Around sampling theorem</i>
13.35–14.05	Martin Mathieu <i>Derivations and local multipliers of <math>C^*</math>-algebras</i>	Peter Mayr <i>The degree of operations on groups</i>	Eberhard Malkowsky <i>Measures of noncompactness and some applications</i>
14.10–14.35	Daniel Pellegrino <i>On the Bohnenblust–Hille inequality</i>	Katarzyna Grygiel <i>On blocks of skeleton tolerances</i>	Eduardo Jiménez Fernández <i>Regular method of summability and the weak Fatou property</i>

Coffee break

	Chair: Anatolij Plichko	Chair: Hans-Olav Tylli	Chair: Ekrem Savas
15.10–15.35	Andrzej Sołtysiak <i>Ideals with at most countable hull in certain algebras of analytic functions</i>	Marcin Skrzyński <i>Remarks on rank functions and rank varieties</i>	Olga I. Kuznetsova <i>On strong averages of spherical Fourier sums</i>
15.40–16.05	Enrique A. Sánchez-Pérez <i>Factorization of homogeneous maps between Banach function spaces and applications</i>	Reyna María Pérez-Tiscareño <i>Bornological algebras which induce a topology that gives a topological algebra structure</i>	Ants Aasma <i>Characterization of <math>A</math>-statistical convergence with speed</i>
16.10–16.35	Kati Ain <i>Compactness defined by <math>\ell_p</math>-spaces</i>	Tomasz Ciaś <i>Commutative subalgebras of the algebra of smooth operators</i>	İbrahim Çanak <i>An extended Tauberian theorem for the weighted mean method of summability</i>
16.40–17.00	Juan Manuel Delgado <i>A characterization of operators with <math>p</math>-summing adjoint via <math>p</math>-limited sets</i>	Adam Przewocki <i>Closed range composition operators for one-dimensional smooth symbols</i>	Sefa Anıl Sezer <i>Tauberian remainder theorems for the <math>(\overline{N}, p)</math> summability method</i>
18.00–20.00	Walking excursion in Tartu (see p. 24)		

**TUESDAY, SEPTEMBER 3, 2013**

**Science Centre AHHA**

Sadama 1, Tartu

Lecture room Lektorium:

8.45–9.00 Welcome to Estonia

Chair: Ralph McKenzie

9.00–9.50 Albrecht Pietsch  
*Traces of operators and their history*

10.00–10.50 Mikhail Volkov  
*Matrix identities involving multiplication and transposition*

Coffee break

Chair: Anne Tali

11.10–12.00 Johann Boos  
*Hahn spaces in Fréchet spaces*

Lunch break

13.00–13.45 Poster Session in the Hall:

Marje Johanson  
*Unconditional ideals of compact operators*

Oleg Košik  
*Term-equivalence of semilattices*

Johann Langemets  
*On duality of diameter 2 properties*

Rauni Lillemets  
*Some properties of generating systems of sets and sequences*

Heiki Niglas  
*Lipschitz functions and  $M$ -ideals*

Anna Novikova  
*Lyapunov theorem for  $q$ -concave Banach spaces*

Olga Orlova  
*On approximation properties of Kantorovich-type sampling operators*

Ksenia Rozhinskaya  
*On  $M(a, B, c)$ -ideals in Banach spaces*

Anna Saksa  
*Approximation by trigonometric Blackman- and Rogosinski-type operators*

Silja Treialt  
*Some duality results on bounded approximation properties of pairs*

Indrek Zolk  
*The asymptotically commuting bounded approximation property of Banach spaces*

	Lecture room Lektorium:	Lecture room Laika:	Lecture room Apollo:
	<b>Analysis I</b>	<b>Algebra/Analysis I</b>	<b>Analysis II</b>
	Chair: Gilles Godefroy	Chair: Ágnes Szendrei	Chair: Andi Kivinukk
13.50–14.20	Hans-Olav Tylli <i>Survey of vector-valued analytic composition operators</i>	Hajime Machida <i>Remarks on essentially minimal clones</i>	Elijah Liflyand <i>Fourier transform versus Hilbert transform</i>
14.25–14.55	Vicente Montesinos <i>A note on extreme points of <math>C^\infty</math>-smooth balls in polyhedral spaces</i>	Stefan Veldsman <i>Restricted reversible rings</i>	Gennadi Vainikko <i>Error estimates for cardinal spline interpolation and quasiinterpolation</i>
15.00–15.30	Anatolij Plichko <i>Two approximation properties</i>	Jānis Cīrulis <i>On the Hermitian part of Rickart *-rings</i>	Ekrem Savas <i><math>\mathcal{I}_\lambda</math>-statistically convergent sequences in topological groups</i>
Coffee break			
	Chair: Petr Hájek	Chair: Ágnes Szendrei	Chair: Maria Skopina
16.05–16.30	Mikael Lindström <i>Essential norm estimates for composition operators on BMOA</i>	Kalle Kaarli <i>Compatible function extension and majority functions</i>	Vladimir Zhuk <i>Inequalities of the generalized Jackson theorem type for best approximations</i>
		Chair: Antonio Fernández	
16.35–17.00	Pilar Rueda <i>Tensor products of <math>L_p</math>-spaces and applications to dominated polynomials and spaces of polynomials</i>	Ricardo del Campo <i>Hardy inequalities and interpolation of Lorentz spaces associated to a vector measure (I)</i>	Dmytro Skorokhodov <i>On the best approximation of functions from Hölder classes by a subset of linear finite-rank positive methods</i>
17.05–17.30	Oleg I. Reinov <i>Eigenvalues of <math>(r, p)</math>-nuclear operators and approximation properties of order <math>(r, p)</math></i>	Fernando Mayoral <i>Hardy inequalities and interpolation of Lorentz spaces associated to a vector measure (II)</i>	Gert Tamberg <i>Approximation error of generalized Shannon sampling operators with bandlimited kernels in terms of an averaged modulus of smoothness</i>

17.35–17.55	Pablo Turco <i>The <math>\mathcal{K}_A</math>- and the <math>\mathcal{K}_A</math>- uniform approximation property</i>	Setenay Akduman <i>I-Ward continuity</i>	Tarmo Metsmägi <i>The variation detracting property of some Shan- non sampling series and their derivatives</i>
-------------	--	---	--

Lecture room Lektorium:

18.00–19.00 *The ethics of publishing and open access*  
Harold Garth Dales; open discussion

Harold Garth Dales is Vice-Chairman of the Ethics Committee of the European Mathematical Society. This committee is mainly concerned with ethical issues concerned with the publishing of mathematics; a Code of Practice can be found on the website of the EMS. Garth will introduce the Code briefly and invite comments. Input from editors and committee members of national societies is particularly welcome.

A new issue seems likely to be relevant in the coming years: several governments and the EU are promoting “open access” to scientific journals. This gives rise to further problems and some ethical issues, and the Committee will have to come to grip with these. We welcome discussion and input of information from those who know what is happening in their own (or other) countries.

**WEDNESDAY, SEPTEMBER 4, 2013**

**Science Centre AHHA**

Sadama 1, Tartu

Lecture room Lektorium:

8.45–9.00 Welcome to Estonia

Chair: William Johnson

9.00–9.50 Joe Diestel

*Sums*

10.00–10.50 Ágnes Szendrei

*Growth Rates of Finite Algebras*

13.00–21.00 Excursions to the Lake Peipsi Region, the Haanja Nature Park in Võru County, the Soomaa National Park and the town Viljandi (see p. 24)

## THURSDAY, SEPTEMBER 5, 2013

### Science Centre AHHA

Sadama 1, Tartu

Lecture room Lektoorium:

8.45–9.00 Welcome to Estonia

Chair: George Janelidze

9.00–9.50 Harold Garth Dales

*Multi-norms*

10.00–10.50 Keith Kearnes

*Finitely based finite algebras*

Coffee break

Chair: Joe Diestel

11.10–12.00 Bernardo Cascales

*Radon–Nikodým indexes and measures of weak noncompactness*

Lunch break

	Lecture room Lektoorium:	Lecture room Laika:	Lecture room Apollo:
	<b>Analysis I</b>	<b>Algebra/Analysis I</b>	<b>Analysis II</b>
	Chair: Vicente Montesinos	Chair: Jānis Cīrulis	Chair: Elijah Lifyand
13.00–13.25	Antonio Fernández <i>Different kinds of integrals in the same formula</i>	Pinthira Tangsupphathawat <i>Algebraic cosine values at rational multiples of <math>\pi</math></i>	Maria Zeltser <i>On the Hahn property of bounded domains of special matrix methods</i>
13.30–13.55	Hana Bendová <i>Quantitative Grothendieck property</i>	Kateryna Pavlyk <i>Productive property in topological inverse semigroups</i>	Heinz-Joachim Rack <i>Extensions of Schur's inequality for the leading coefficient of bounded polynomials with one prescribed zero</i>
14.00–14.25	Olav Nygaard <i>The symmetric strong diameter 2 property in Banach spaces</i>	Nasir Sohail <i>Epimorphisms in certain categories of partially ordered semigroups</i>	Anna Šeletska <i>On strong and statistical convergences in some families of summability methods</i>
14.30–14.55	Trond A. Abrahamsen <i>Uniformly square Banach spaces</i>	Valdis Laan <i>On congruence extension property for ordered algebras</i>	Dariusz Dudzik <i>An outer measure on a commutative ring</i>

Coffee break



	Chair: Martin Mathieu	Chair: László Márki	Chair: Eberhard Malkowsky
15.30–15.55	Francisco Naranjo <i>Complex interpolation of <math>L^p</math>-spaces of integrable functions with respect to vector measures</i>	Vichian Laohakosol <i>The positivity problem for linear recurrence sequences</i>	Andi Kivinukk <i>On summability of orthogonal expansions and Shannon sampling series</i>
16.00–16.25	Daniyal Israfilov <i>Approximation in the weighted Lebesgue spaces</i>	Umarin Pintoptang <i>Necklaces and <math>q</math>-cycles</i>	Olga Lifantseva <i>Multiple Fourier expansions over Walsh–Paley and trigonometric systems</i>
16.30–16.55	Alexander Šostak <i>Joint continuity versus separate continuity: on a class of Namioka spaces</i>	Jaak Henno <i>Structure of generating sets for reversible computations</i>	Denis Grafov <i>“Almost” Cauchy property for the sequence of partial sums of Fourier series of functions in <math>L_p</math>, <math>p &gt; 1</math></i>

**Science Centre AHHA**

Sadama 1, Tartu

19.00–23.00 Conference Banquet (see p. 26)

**FRIDAY, SEPTEMBER 5, 2013**

**Science Centre AHHA**

Sadama 1, Tartu

Lecture room Lektorium:

8.45–9.00 Welcome to Estonia

Chair: Richard M. Aron

9.00–9.50 William Johnson

*Approximation properties of a Banach space and its subspaces*

10.00–10.50 George Janelidze

*Nice categories*

Coffee break

Chair: Harold Garth Dales

11.10–12.00 Gilles Godefroy

*Approximation properties in Banach spaces*

12.00–12.15 Closing

Tallinn

17.00–19.00 Walking excursion in Tallinn (see p. 26)