



Workshop on
“Pseudo-Regular Variation in Generalized Renewal Theory”
University of Cologne, January 16, 2010

Location: Mathematical Institute, Weyertal 86-90, 50 931 Köln, Lecture Room (3rd floor)

Programme

[Last modified: 11.01.2010]

Saturday, January 16, 2010

09:00 – 09:10	Josef G. Steinebach
	Opening

1st Session: Chair Valerii V. Buldygin

09:10 – 09:40	Valerii V. Buldygin , Karl-Heinz Indlekofer, <u>Oleg I. Klesov</u>, and Josef G. Steinebach
	PRV and GRT
09:45 – 10:15	Peter Kern
	Regular variation of linear operators: An overview with limit theorems in mind
10:20 – 10:50	Hans-Peter Scheffler
	Multivariable regular variation: An overview

10:50 – 11:20	Coffee break
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2nd Session: Chair Karl-Heinz Indlekofer

11:20 – 11:50	Allan Gut
	Regular variation, the weak law and the St. Petersburg game
11:55 – 12:25	Allan Gut and <u>Ulrich Stadtmüller</u>
	Regular variation and strong laws for increments of random fields
12:30 – 13:00	<u>Gerold Alsmeyer</u> and Gerd Hölker
	Asymptotic behavior of ultimately contractive iterated random Lipschitz functions

13:00 – 14:30	Lunch
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3rd Session: Chair Oleg I. Klesov

14:30 – 15:00	Imre Káta
	Renewal theorems for some weighted renewal functions
15:05 – 15:35	Jörn Steuding
	Sampling the Lindelöf hypothesis for Dirichlet L-functions by random walks
15:40 – 16:10	Karl-Heinz Indlekofer
	Number theory and decomposable combinatorial structures
16:10 – 16:15	Closing

16:15	Coffee
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19:30	Dinner
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List of participants

Prof. Dr. Gerold Alsmeyer (Münster)
 Prof. Dr. Valerii V. Buldygin (Kiev)
 Dipl.-Wirt. Math. Stefan Fremdt (Cologne)
 Prof. Dr. Allan Gut (Uppsala)
 Prof. Dr. Karl-Heinz Indlekofer (Paderborn)
 Prof. Dr. Imre Káta (Budapest)
 Prof. Dr. Peter Kern (Düsseldorf)
 Prof. Dr. Oleg I. Klesov (Kiev)
 Prof. Dr. Volker Mammitzsch (Marburg)
 Dipl.-Math. Stefan Mihalache (Cologne)
 Apl. Prof. Dr. Markus Roters (Cologne)
 Prof. Dr. Hans-Peter Scheffler (Siegen)
 Dipl.-Math. Alexander Schmitz (Cologne)
 Prof. Dr. Ulrich Stadtmüller (Ulm)
 Prof. Dr. Josef G. Steinebach (Cologne)
 Prof. Dr. Jörn Steuding (Würzburg)