

seminarium dla studentów
Analiza w Tatrach - Małe Ciche, 8-12.09.2024

seminar for researchers
Analysis in Tatra - Małe Ciche, September, 8-12, 2024

Sunday, September 8, 2024

18:00 - ...	przyjazd żurek	18:00 - ...	arrival welcome żurek (soup)
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Monday, September 9, 2024

7:30-8:30	śniadanie	7:30-8:30	breakfast
8:55	Agnieszka Kałamajska, powitanie		
9:00-9:50	Luigi D'Onofrio, Mappings of finite distortion		
9:50-10:10	przerwa kawowa		
10:10-11:00	Tomáš Roskovec, Gagliardo-Nirenberg inequalities		
czas integracyjny/dyskusyjny/wolny ok. 13:00 można kupić zupę (15 zł)		free time for discussion/cooperation/excursion around 1 p.m. you will be able to buy soup (15 PLN)	
		15:25	Agnieszka Kałamajska, Welcome chairman: Agnieszka Kałamajska
		15:30-16:00	Radoslaw Kaczmarek, Normed Orlicz function spaces which can be quasi-renormed with easily calculable quasi-norms
		16:00-16:20	coffee break
		16:20-16:50	Magda Nockowska-Rosiak, Hammerstein integrodifference equations - structural properties and their applications
		16:55-17:25	Teresa Radice, Second order regularity for linear elliptic system with lower order terms
18:00	obiadokolacja	18:00	dinner

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Tuesday, September 10, 2024

7:30-8:30	<i>śniadanie</i>
9:00-9:50	Teresa Radice, Laplace and Fourier Transform
9:50-10:10	<i>przerwa kawowa</i>
10:10-11:00	Michał Łasica, Functions of bounded variation and variational image denoising
czas integracyjny/dyskusyjny/wolny ok. 13:00 można kupić zupę (15 zł)	
18:00	<i>obiadokolacja</i>

7:30-8:30	<i>breakfast</i>
free time for discussion/cooperation/excursion around 1 p.m. you will be able to buy soup (15 PLN)	
<i>chairman: Radoslaw Kaczmarek</i>	
15:30-16:00	Luigi D'Onofrio, Recent Studies on Sobolev mappings
16:00-16:20	<i>coffee break</i>
16:20-16:50	Mateusz Śliwiński, Relations between progressive intrinsic ultracontractivity and ergodicity of discrete Feynman-Kac semigroups
16:55-17:25	Aleksandra Orpel, Positive solutions with finite energy for a certain class of elliptic systems
17:30-17:50	Krzysztof Garbowski, Singular elliptic problems - existence of solutions and their properties
18:00	<i>dinner</i>

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Wednesday, September 11, 2024

7:30-8:30	<i>śniadanie</i>
9:00-9:50	Stefan Krömer, Nonlinear Elasticity: an introduction and a recent example
9:50-10:10	<i>przerwa kawowa</i>
10:10-11:35	referaty studenckie cz. 1
czas integracyjny/dyskusyjny/wolny ok. 13:00 można kupić zupę (15 zł)	
18:00	<i>obiadokolacja z ogniskiem i śpiewaniem</i>

7:30-8:30	<i>breakfast</i>
free time for discussion/cooperation/excursion around 1 p.m. you will be able to buy soup (15 PLN)	
<i>chairman: Giulio Pascale</i>	
15:30-16:00	Tomáš Roskovec, Gagliardo-Nirenberg pointwise estimate via sparse domination method
16:00-16:20	<i>coffee break</i>
16:20-16:50	Jacek Jakimiuk, Maximal sections of the unit ball of $L_p^n(\mathbb{C})$ for $p>2$
16:55-17:25	Michał Łasica, Inner variations and contours of images in variational denoising
17:30-17:50	Wiktoria Burakowska, Existence of positive solutions of a certain class of semipositone problems in exterior domain
18:00	<i>dinner with bonfire</i>

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Thursday, September 12, 2024

7:30-8:30	<i>śniadanie</i>
9:00-9:50	referaty studenckie cz. 2
9:50-10:10	<i>przerwa kawowa</i>
10:10-10:40	Giulio Pascale, Isoperimetric inequalities and (nonlocal) capillarity problems
10:45-11:15	Giulio Pascale, Isoperimetric inequalities and (nonlocal) capillarity problems
12:30	<i>obiad</i>
<i>około 13:30</i>	<i>wyjazd</i>

7:30-8:30	<i>breakfast</i>
9:50-10:10	<i>coffee break</i>
<i>chairman:</i>	<i>Michał Łasica</i>
10:10-10:40	Giulio Pascale, Isoperimetric inequalities and (nonlocal) capillarity problems
10:45-11:15	Giulio Pascale, Isoperimetric inequalities and (nonlocal) capillarity problems
11:20-11:50	Miłosz Baraniewicz, Estimates of kernels and ground states for Schrödinger semigroups
11:50-12:20	Stefan Krömer, Measure-valued structured deformations
12:20-12:50	Anna Ochal, Penalty method for variational-hemivariational inequalities with application
	Farewell
13:00	<i>lunch</i>
<i>around 13:30</i>	<i>departure</i>