

Program of the  
**Novi Sad Workshop on Foundations Of Computer  
Science**

*Department of Mathematics and Informatics,  
Faculty of Sciences  
July 20-24 July, 2015*

<b>Monday, July 20<sup>th</sup>, 2015</b>		
10.00 – 11.00	<b>Dan Hefetz</b>	<i>Degree anti-Ramsey numbers of graphs</i>
11.00 – 11.30	<b>Coffee break</b>	
11.30 – 11.50	<b>Piotr Micek</b>	<i>Sparsity and dimension</i>
11.55 – 12.15	<b>Tomáš Valla</b>	<i>The guarding game is E-complete</i>
12.20 – 12.40	<b>Nemanja Škorić</b>	<i>A tight Erdős-Pósa function for long cycles</i>
12.40 – 14.30	<b>Lunch break</b>	
14.30 – 14.50	<b>Anita Liebenau</b>	<i>New developments on the Erdős-Hajnal conjecture</i>
14.55 – 15.15	<b>Cory Palmer</b>	<i>Counting subgraphs in F-free graphs</i>
15.20 – 15.40	<b>Tereza Klímošová</b>	<i>Infinite dimensional finitely forcible graphon</i>
15.45 – 16.15	<b>Coffee break</b>	
16.15 – 16.35	<b>Ewan Davies</b>	<i>Regularity inheritance in 3-uniform hypergraphs</i>
16.40 – 17.00	<b>Matthew Jenssen</b>	<i>The multicolour Ramsey number of a long odd cycle</i>
17.05 – 17.25	<b>Barnaby Roberts</b>	<i>The Ramsey numbers of squares of paths and cycles</i>

<b>Tuesday, July 21<sup>st</sup>, 2015</b>		
10.00 – 11.00	<b>Michael Krivelevich</b>	<i>Intelligence vs Randomness: the power of choices</i>
11.00 – 11.30	<b>Coffee break</b>	
11.30 – 11.50	<b>Dieter Mitsche</b>	<i>On-line list colouring of random graphs</i>
11.55 – 12.15	<b>Julia Böttcher</b>	<i>Local resilience of spanning subgraphs in sparse random graphs</i>
12.20 – 12.40	<b>Matas Šileikis</b>	<i>Embedding the binomial random graph in the regular random graph</i>
12.40 – 14.30	<b>Lunch break</b>	
14.30 – 15.30	<b>József Balogh</b>	<i>On the applications of counting independent sets in hypergraphs</i>
15.35 – 16.05	<b>Coffee break</b>	
16.05 – 16.25	<b>János Barát</b>	<i>From red to violet - fragments of the rainbow matching theme</i>
16.30 – 16.50	<b>Rajko Nenadov</b>	<i>On the subgraphs of minimum degree 3</i>
16.55 – 17.15	<b>Balázs Patkós</b>	<i>Finding a majority element</i>
19.30	<b>Dinner</b>	

<b>Wednesday, July 22<sup>nd</sup>, 2015</b>		
9.30 – 10.30	<b>Tibor Szabó</b>	<i>Half-random Maker-Breaker games</i>
10.30 – 11.00	<b>Coffee break</b>	
11.00 – 11.20	<b>Peter Allen</b>	<i>Making spanning graphs</i>
11.25 – 11.45	<b>Małgorzata Bednarska-Bzdęga</b>	<i>Number theory problems in combinatorial games</i>
11.50 – 12.10	<b>Sylwia Antoniuk</b>	<i>Manipulative Waiter does not always win</i>
12.10 – 14.00	<b>Lunch break</b>	
14.00 – 14.20	<b>Shakhar Smorodinsky</b>	<i>On kinetic range spaces and their applications</i>
14.25 – 14.45	<b>Radoslav Fulek</b>	<i>Hanani-Tutte for radial drawings</i>
14.50 – 15.20	<b>Coffee break</b>	
15.20 – 15.40	<b>Dömötör Pálvölgyi</b>	<i>Decomposition of multiple coverings</i>
15.45 – 16.05	<b>Dániel Gerbner</b>	<i>Intersecting P-free families</i>
16.10 – 17.00	<b>Open problem session</b>	
19.00	<b>City tour – Novi Sad and Sremski Karlovci</b>	

<b>Thursday, July 23<sup>rd</sup>, 2015</b>	
10.00	<b>Group assignment</b>
...	<b>Work in groups</b>
10.30 – 11.00	<b>Coffee break</b>
15.30 – 16.00	<b>Coffee break</b>
19.30	<b>Dinner</b>

<b>Friday, July 24<sup>th</sup>, 2015</b>	
10.00 - ...	<b>Work in groups</b>
10.30 – 11.00	<b>Coffee break</b>
15.30 – 16.00	<b>Coffee break</b>