

Department of Mathematics
 COMSATS University Islamabad, Lahore Campus
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CIMPA School on Recent Advances in Combinatorics and its Application
 (November 01-11, 2022)

Courses

Course 1	Colourings and Labelings of Graphs	Andrea Semaničová-Feňovčíková (Technical University in Košice, Slovakia)
Course 2	Cayley Graphs and the Degree-Diameter Problem	Tomas Vetrik (University of the Free State, South Africa)
Course 3	Spectrum Related Invariants of Graphs	Muhammad Imran (U. A. E)
Course 4	On Neumaier, Signed and Addressing Graphs	Jack Koolen (University of Science and Technology of China, China)
Course 5	On F-convexity and Related Problems	Liping Yuan (Hebei Normal University, China)
Course 6	Metric Spaces over Groups	Sheng Bau (South Africa)
Course 7	Metric Dimension Related Parameters in Graphs	Yero Ismael Gonzalez (Universidad de Cádiz, Spain)
Course 8	Matrices, Graph Labelings, and Ramsey Numbers	Rinovia Simanjuntak (Institut Teknologi Bandung, Indonesia)
Computational Workshop	Graph Based Codes with SAGEMath	Edgar Martínez-Moro (University of Valladolid, Castilla, Spain)



Schedule

WEEK 1						
	Monday 31/10/2022	Tuesday 01/11/2022	Wednesday 02/11/2022	Thursday 03/11/2022	Friday 04/11/2022	
09:30 – 10:30	Arrivals	Opening	Course 1 (2/4)	Course 2 (3/4)	Course 1 (3/4)	
10:30 – 10:50		Tea Break				
10:50 – 11:50		Course 1 (1/4)	Course 2 (2/4)	Course 3 (3/3)	Course 1 (4/4)	
11:50 – 12:00		Short Break				
12:00 – 13:00		Course 4 (1/4)	Course 4 (2/4)	Course 4 (3/4)	Course 4 (4/4)	
13:00 – 14:00		Lunch Break				Lunch Break + Jumma Break
14:00 – 15:00		Course 2 (1/4)	Course 3 (2/3)	Computational Workshop		
15:00 – 15:10		Short Break	Free Time			
15:10 – 16:10		Course 3 (1/3)				Course 2 (4/4)
16:10 – 16:30		Tea Break				
16:30 – 17:30	Tutorial Course 1 & 2			Tutorial Course 3		



WEEK 2					
	Monday 07/11/2022	Tuesday 08/11/2022	Wednesday 09/11/2022	Thursday 10/11/2022	Friday 11/11/2022
09:30 – 10:30	Invited talks	Course 7 (1/4)	Course 7 (3/4)	Course 7 (4/4)	Course 8 (3/4)
10:30 – 10:50	Tea Break				
10:50 – 11:50	Invited Talks	Course 7 (2/4)	Course 8 (1/4)	Course 8 (2/4)	Course 8 (4/4)
11:50 – 12:00	Short Break				
12:00 – 13:00	Course 5 (1/4)	Course 5 (2/4)	Course 5 (3/4)	Course 5 (4/4)	Tutorial Course 7
13:00 – 14:00	Lunch Break				Lunch Break & Prayer Break
14:00 – 15:00	Course 6 (1/4)	Course 6 (2/4)	Excursion	Course 6 (3/4)	Closing Ceremony
15:00 – 15:10	Short Break			Short Break	
15:10 – 16:10	Tutorial Course 5	Tutorial Course 6		Course 6 (4/4)	
16:10 – 16:30	Tea Break	Tea Break		Tea Break	
18:30 – 20:30		School Dinner			

