

ICMAA 2016

International Conference on Mathematical Analysis & its Applications
 Department of Mathematics, Indian Institute of Technology Roorkee, India
 November 28 – December 02 2016

DAY 1		SCHEDULE :			November 28, 2016	
TIME	EVENT/SPEAKER					
08:00-09:00	REGISTRATION					
09:00-09:45	INAUGURAL PROGRAM					
09:45-10:45	WALTER VAN ASSCHE <i>SIAM-OPSF Chair and Katholieke Universiteit Leuven, Belgium</i> <i>Keynote Talk: Multiple orthogonal polynomials and applications in quadratures and wavelets</i>					KT
10:45-11:15	HIGH TEA					
11:15-12:05	R. BALASUBRAMANIAN Institute of Mathematical Sciences, Chennai <i>Plenary Talk: Recent trends on the Bohr inequality</i>					PT-01
12:10-13:00	S. PONNUSAMY Indian Statistical Institute, Chennai <i>Plenary Talk: On the univalent harmonic mappings</i>					PT-02
13:10-14:30	LUNCH					
Session	ORTHOGONAL POLYNOMIALS			HARMONIC MAPPINGS		
14:30-15:10	IT-09 THEODORE CHIHARA <i>(Purdue University Northwest, USA)</i>			IT-06 MICHAEL DORFF <i>(Brigham Young University, USA)</i>		
15:15-15:55	IT-02 DAVID GOMEZ-ULLATE <i>(ICMAT & Univ. Complutense, Spain)</i>			IT-12 YUSUF ABU MUHANNA <i>(American University of Sharjah, UAE)</i>		
16:00-16:15	TEA					
Session	SPECIAL FUNCTIONS	OPERATOR THEORY	ANALYSIS OF DIFF EQN	GEOM. FUNC. THOERY		
16:15-16:45	ST-26 A.K. SHUKLA	ST-09 G. RAMESH	ST-01 MANIL MOHAN	ST-28 IBRAHIM AKTAS		
16:50-17:20	ST-16 SUBUHI KHAN	ST-02 ROY OSTE	ST-07 RATIKANTA BEHERA	ST-29 EVRIM TOKLU		
17:25-17:55	ST-24 RANJAN K. JANA	ST-21 DEBASISHA MISHRA	CT-68 RAJIB HALOI	ST-30 NIHAT YAGMUR		
19.30 - 21.00	DINNER					

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DAY 2		SCHEDULE :		November 29, 2016		
TIME	SPEAKER					
09:00-09:50	<p align="center">FRANCISCO MARCELLAN ICMAT & Universidad Carlos III de Madrid, Spain <i>Plenary Talk: CMV matrices: Direct and inverse problems, applications</i></p>				PT-03	
09:55-10:45	<p align="center">A SRI RANGA UNESP, Brazil <i>Plenary Talk: Sobelov orthogonal polynomials on the unit circle and coherent pairs of the measures of the second kind</i></p>				PT-04	
10:45-11:00	TEA					
Session	OPERATOR THEORY		SPECIAL FUNCTIONS			
11:00-11:40	<p align="center">M. THAMBAN NAIR (I.I.T. Madras, India)</p>		IT-18	<p align="center">ARPAD BARICZ (Babes Bolyai University, Romania)</p>		IT-01
11:45-12:25	<p align="center">JAYDEB SARKAR (I.S.I. Bangalore, India)</p>		IT-20	<p align="center">DMITRII KARP (Far Easter Federal University, Russia)</p>		IT-11
12:30-13:10	<p align="center">VEERAPPA GOWDA (TIFR-CAM, Bangalore, India)</p>		IT-17	<p align="center">KERSTIN JORDAAN (University of Pretoria, South Africa)</p>		IT-05
13:10-14:40	PHOTOGRAPH SESSION FOLLOWED BY LUNCH					
Session	SPECTRAL THEORY		GEOM. FUNC. THOERY		ORTHOGONAL POLYNOMIALS	
14:40-15:10	<p align="center">B. SRIRAM</p>		ST-08	<p align="center">B. BHOWMIK</p>		ST-18
15:10-15:30	<p align="center">GEETHIKA SEBASTIAN</p>		CT-09	<p align="center">SUSHIL KUMAR</p>		CT-41
15:30-15:50	<p align="center">P. SANTHOSH KUMAR</p>		CT-59	<p align="center">SHELLY VERMA</p>		CT-36
15:50-16:10	<p align="center">S. VEERAMANI</p>		CT-44	<p align="center">NISHA BOHRA</p>		CT-22
16:10-16:30	TEA					
Session	ANALYSIS OF DIFF EQN		GEOM. FUNC. THOERY		SPECIAL FUNCTIONS	
16:30-17:00	<p align="center">SIVANANTHAN SAMPATH</p>		ST-15	<p align="center">SANTOSH B. JOSHI</p>		ST-14
17:00-17:20	<p align="center">NILIMA DAS</p>		CT-20	<p align="center">RAJ KUMAR</p>		CT-71
17:20-17:40	<p align="center">PRASANTA KUMAR BARIK</p>		CT-74	<p align="center">NIRUPAM GHOSH</p>		CT-21
17:40-18:00	<p align="center">VIVEK KUMAR</p>		CT-64	<p align="center">SUBZAR AHMAD BEIG</p>		CT-39
19.00 - 21.30	CULTURAL EVENING FOLLOWED BY DINNER					

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DAY 3	SCHEDULE :			November 30, 2016
TIME	SPEAKER			
09:00-09:50	S. THANGAVELU Indian Institute of Science, Bangalore <i>Plenary Talk: An extension problem for the sub-Laplacian on the Heisenberg group</i>			PT-05
09:55-10:45	SIDDHARTHA SAHI Rutgers University, USA <i>Plenary Talk: Hypergeometric functions in several variables</i>			PT-06
10:45-11:00	TEA			
Session	ANALYSIS OF DIFF EQN.		COMPLEX ANALYSIS	
11:00-11:40	IT-16 A. K. NANDAKUMARAN (I.I.Sc. Bangalore, India)		IT-07 STANISLAWA KANAS (University of Rzeszow, Poland)	
11:45-12:25	IT-04 JACEK BANESIAK (University of Pretoria, South Africa)		IT-08 TEODOR BULBOACA (Babes Bolyai University, Romania)	
12:30-13:10	IT-10 SERGIO ANDRAUS (Chuo University, Japan)		IT-19 SUSHIL GORAI (IISER Kolkata, India)	
13:10-14:30	LUNCH			
14:30-15:20	RAM N MOHAPATRA University of Central Florida, USA <i>Plenary Talk: Convexity of spherical Bernstein Bazier patches and circular Bazier Bernstein curves</i>			PT-07
15:25-15:50	Organizers' Session: Future Programs and Opportunities			
15:50-16:10	Sponsor's Session: Mathematical Tools for analysis			
16:10-16:25	TEA			
Session	ANAL. OF FUNCTION SPACES	APPLICABLE ANALYSIS	COMPLEX ANALYSIS	
16:25-16:55	ST-25 BABY BHATTACHARYA	ST-27 MEENAKSHI RANA	ST-04 MAREK KOWALSKI	
17:00-17:20	CT-49 ARTI	CT-60 ANIL P. HIWAREKAR	CT-02 NIJJWAL KARAK	
17:20-17:40	CT-61 GAYATRI PANY	CT-62 SIVA KUMAR TADEPALLI	CT-01 NAVNEET L. SHARMA	
17:40-18:00	CT-32 RUDRAJIT SADHU	CT-63 T. USHA	CT-05 D. BORGOHAIN	
18:00-18:20	CT-50 SOSHAL	CT-66 SHELLY ARORA	CT-28 K. RAJBANGSHI	
19.30 - 21.00	DINNER			

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DAY 4	SCHEDULE :			December 01, 2016
TIME	SPEAKER			
09:00-09:50	S. KESAVAN I.I.T. Madras & Institute of Mathematical Sciences Chennai <i>Plenary Talk: On a degenerate algebraic Riccati equation</i>			PT-08
09:55-10:45	ROSIHAN M. ALI Universiti Sains Malaysia, Malaysia <i>Plenary Talk: Further extensions to the Bohr inequality</i>			PT-09
10:45-11:00	TEA			
Session	COMPLEX ANALYSIS	ANALYSIS OF DIFF EQN.	FIXED POINT THEORY	
11:00-11:30	ST-12 KULDEEP SINGH CHARAK	ST-19 AUWAL BALA ABUBAKAR	ST-10 G. SANKARA RAJU K.	
11:35-11:55	CT-19 MD. FIROZ ALI	CT-56 SRINIVASAN V.	CT-54 ANUSHRI A. ASERKAR	
11:55-12:15	CT-07 GAUTAM SATPATI	CT-12 URVASHI ARORA	CT-43 UPENDER SAMUDRALA	
12:15-12:35	CT-45 KANIKA KHATTER	CT-73 AVADHESH KUMAR	CT-58 DILIP KUMAR GUPTA	
12:35-12:55	CT-35 PRIYANKA SANGAL	CT-75 RUCHI SANDILYA	CT-26 PRASHANTA MAJEE	
13:10-14:30	LUNCH			
Session	SPECIAL FUNCTIONS	FUNCTIONAL ANALYSIS		
14:30-15:10	IT-13 G.K. SRINIVASAN (I.I.T. Bombay, India)	IT-14 V. VETRIVEL (I.I.T. Madras, India)		
15:15-15:55	IT-03 HENRIK PEDERSEN (University of Copenhagen, Denmark)	IT-15 K.C. SIVAKUMAR (I.I.T. Madras, India)		
16:00-16:15	TEA			
Session	WAVELET ANALYSIS	ANALYSIS OF DIFF EQN.	OPERATOR THEORY	
16:15-16:45	ST-22 S.K. UPADHYAY	ST-17 VENKY KRISHNAN	ST-13 ROMESH KUMAR	
16:45-17:05	CT-25 POOJA SINGH	CT-08 V.R. LAKSHMI GORTY	CT-18 MANMOHAN VASISHTHA	
17:05-17:25	CT-31 RESHMA SINGH	CT-37 SHIVA SHARMA	CT-70 S. BALAJI	
17:25-17:45	CT-42 SWATI SRIVASTAVA	CT-11 RENU CHAUDHARY	CT-04 AJAY JANA	
17:45-18:05	CT-27 PUNEET K MAURYA	CT-34 VIKRAM SINGH	CT-69 M. SURESH KUMAR	
19.00 - 22.00	CONFERENCE BANQUET			

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DAY 5	SCHEDULE :			December 02, 2016
TIME	SPEAKERS			
Session	ANALYSIS OF DIFF EQN.	MATRIX/OPERATOR THEORY	SPECIAL FUNCTIONS	
09:00-09:30	OMAR BENNICHE ST-20	T. KURMAYYA ST-06	J.P. JAISWAL ST-23	
09:35-9:55	VIKAS KUMAR MISHRA CT-52	KARUNESH K. SINGH CT-13	RAKESH K. PARMAR CT-29	
9:55-10:15	RAKHI TIWARI CT-30	K. APPI REDDY CT-15	HEMANT KUMAR CT-53	
10:15- 10:35	RATAN KUMAR GIRI CT-57	SUDHANSHU KUMAR CT-40	K.M. REDDY CT-14	
10:35-11:00	TEA			
Session	ANALYSIS OF DIFF EQN.	COMPLEX ANALYSIS	APPLICABLE ANALYSIS	
11:00-11:20	DEEPIKA CT-06	K. DHANALAKSHMI CT-16	HIMANSHU KUMAR CT-10	
11:20-11:40	ABHIMANYU KUMAR CT-03	D. KAVITHA CT-17	BHAGATH KUMAR SOMA CT-55	
11:40-12:00	SHEETAL CHAWLA CT-67	T. SOUPRAMANIEN CT-51	V. SRINIVASA KUMAR CT-38	
12:00-12:20		ANOKHE L. PATHAK CT-65	G.V.V.JAGANNADHA RAO CT-46	
12:20-13:00	VALEDICTORY			
13:10-14:30	LUNCH			