

# THIRD INTERNATIONAL CONFERENCE ON APPLICATIONS OF MATHEMATICS TO NONLINEAR SCIENCES (AMNS - 2023)

MAY 25-28, 2023  
POKHARA, NEPAL

## PROGRAM

Day 1: Thursday, May 25				
08:00 am - 04:00 pm	Registration			
08:00 am - 09:00 am	Coffee			
09:00 am - 09:45 am	Welcome/Opening Ceremony			
10:00 am - 10:50 am	<b>Plenary [1]:</b> Irene Fonseca	Room: Phewa Hall	Chair: Dhruva Adhikari	
<b>Contributed Sessions:</b>				
	DE Room: Phewa Hall Chair: Ashok Aryal	ME Room: Rara Hall Chair: Binod Prasad Pant	MB Room: Rupa Hall Chair: Ramesh Gautam	NA Room: Begnas Hall Chair: Hum Nath Bhandari
11:00 am - 11:15 am	Dhruva Adhikari	Arjun Adhikari	Khagendra Adhikari	Bishwa Raj Adhikari
11:15 am - 11:30 am	Bekha Ratna Dangol	Rameshower Aryal	Raghu Bhatta	Isvar Mani Adhikari
11:30 am - 11:45 am	Rajendra Dahal	Deepak Basyal	Gauri Bhuju	Ram Adhikari
11:45 am - 12:00 pm	Ashok Aryal	Monika Devkota	Ramesh Gautam	Hum Nath Bhandari
12:00 pm - 01:30 pm	Lunch Break			
01:30 pm - 02:20 pm	<b>Plenary [2]:</b> Bhramar Mukherjee	Room: Phewa Hall	Chair: Gokarna Aryal	
02:30 pm - 03:05 pm	Special Invited [1]: Christian Schmeiser Room: Phewa Hall    Chair: Kedar Nath Uprety	Special Invited [2]: Adnan Sljoka Room: Begnas Hall    Chair: Naveen Vaidya		
03:05 pm - 03:20 pm	Coffee Break			
<b>Contributed Sessions:</b>				
	DE Room: Phewa Hall Chair: Ramesh Karki	ME Room: Rara Hall Chair: Kedar Nepal	AT / NA Room: Rupa Hall Chair: Ishwar Mani Adhikari	ST Room: Begnas Hall Chair: Krishna Prasad Acharya
03:20 pm - 03:35 pm	Jayadev Nath	Parshuram Chaudhary	Thaneshwor Bhandari	Bijaya Bhattarai
03:35 pm - 03:50 pm	Anju Kafle	Niroj Dahal	Bal B Tamang	Shilpi Biswas
03:50 pm - 04:05 pm	Ramesh Karki	Menaka Devkota	Prem Bahadur Chand	Chhatra Bahadur Limbu
04:05 pm - 04:20 pm	Ramesh Kumar	Harsha Bahadur Chand	Bishnu Prasad Chapagai	Biraj Dahal
04:20 pm - 04:35 pm	Supriya Mondal	Prema Kumari Dhakal	Ram Chandra Dhungana	Ujjwal Prakash Dahal
04:35 pm - 04:50 pm	Jhavi Lal Ghimire	Sandip Dhungana	Jeevan Kafle	Surakshaya Dhakal

DE = Differential Equations/Nonlinear Analysis  
MB = Mathematical Biology  
ST = Probability, Statistics, and Big Data

AT = Algebra and Topology  
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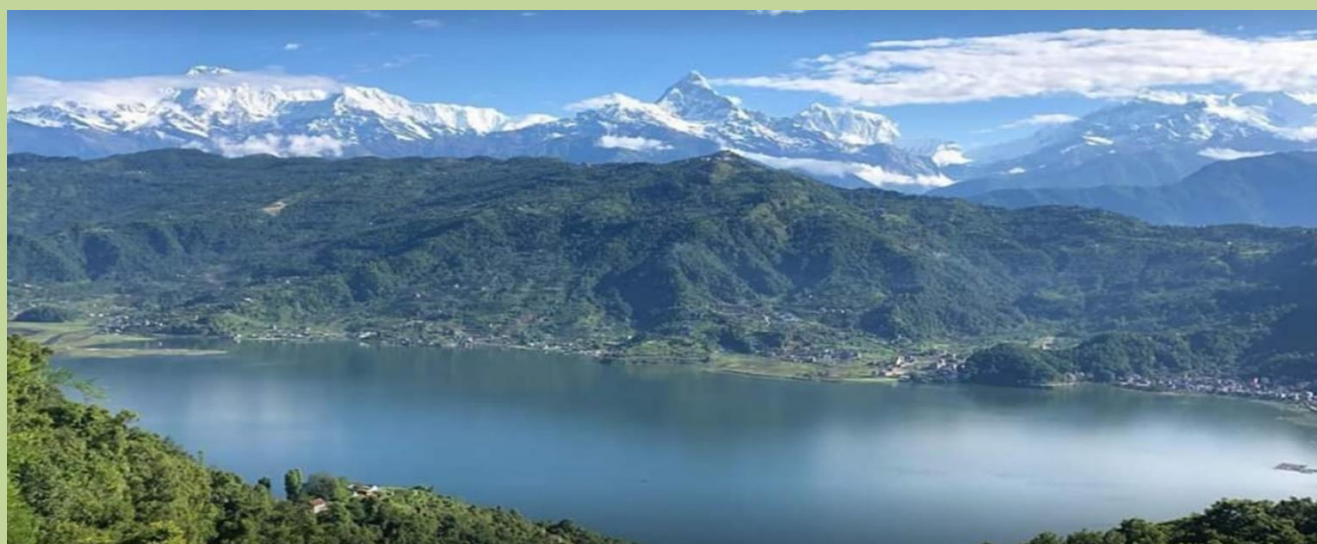


## Day 2: Friday, May 26

04:15 am - 07:45 am	Shanti Stupa Sunrise View			
08:00 am - 04:00 pm	Registration			
08:00 am - 08:30 am	Coffee			
08:30 am - 09:20 am	Plenary [3]: Amy B. Ellis		Room: Phewa Hall	Chair: Kedar Nepal
09:30 am - 10:05 am	Special Invited [3]: Gianni Dal Maso Room: Phewa Hall      Chair: Dhruva Adhikari		Special Invited [4]: Ian McKeague Room: Begnas Hall      Chair: RC Kafle	
10:05 am - 10:20 am	Coffee Break			
<b>Invited Sessions:</b>				
	DE Room: Phewa Hall Chair: Chet Raj Bhatta	ME / AT Room: Rara Hall Chair: Narayan P. Pahari	MB / NA Room: Rupa Hall Chair: Parameshwari Kattel	DE / ST Room: Begnas Hall Chair: Ganesh Malla
10:20 am - 10:45 am	Hynek Baran	David Plaxco	Nicoleta Tarfulea	Xianpeng Hu
10:45 am - 11:10 am	Karel Hasik	Paul C Dawkins	Shalela Mohd Mahali	Dipankar Bandyopadhyay
11:10 am - 11:35 am	Kalaivani Kamalakkannan	Laszlo Szalay	Elisabete Alberdi	Tanujit Dey
11:35 am - 12:00 pm	Anita Tomar	Wolf-Dieter Richter	Suman Balasubramanian	Ishapathik Das
12:00 pm - 01:30 pm	Lunch Break			
01:30 pm - 02:20 pm	Plenary [4]: Zhou-Ping Xin		Room: Phewa Hall	Chair: Netra Khanal
02:30 pm - 03:05 pm	Special Invited [5]: Debasis Kundu Room: Fewa Hall      Chair: Gokarna Aryal		Special Invited [6]: Shashidhar Belbase Room: Rara Hall      Chair: Deepak Basyal	
03:05 pm - 03:20 pm	Coffee Break			
<b>Contributed Sessions:</b>				
	DE Room: Phewa Hall Chair: Krishna Pokharel	ME Room: Rara Hall Chair: Tribhuvan Sharma	MB Room: Rupa Hall Chair: Khagendra Adhikari	ST Room: Begnas Hall Chair: Ram C. Kafle
03:20 pm - 03:35 pm	Petr Vojcak	Mira Gurung	Sharmila Shrestha	Arjun Kumar Gaire
03:35 pm - 03:50 pm	Shankar Pariyar	Tas Bahadur Gurung	Rupchand Sutradhar	Ganesh Malla
03:50 pm - 04:05 pm	Bhupendra Paudyal	Sher Chhetri	Anup Tuladhar	Bishal Kumar Khadka
04:05 pm - 04:20 pm	Madhav P Poudel	Lokendra Karki	Ananta Upreti	Netra Khanal
04:20 pm - 04:35 pm	Eeshwar P Poudel	Sarita Khadka	Saroj Pradhan	Vikash Raj Satyal
04:35 pm - 04:50 pm	Akshay Kumar	Deepika Kutu	Janta Raut	Katarína Petrlová
04:50 pm - 05:05 pm	Hem Raj Pandey	Basanta R. Lamichhane	Dev Chandra Shrestha	Ram C. Kafle
<b>Photo Session: 6:15 pm</b>				
<b>Banquet: 6:30 pm</b>				

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### Day 3: Saturday, May 27

08:00 am - 04:00 pm	Registration			
08:00 am - 08:30 am	Coffee			
08:30 am - 09:20 am	<b>Plenary [5]:</b> Till Becker	Room: Phewa Hall	Chair: Shree Ram Khadka	
<b>Invited Sessions:</b>				
	DE Room: Phewa Hall Chair: Rajendra Dahal	AT Room: Rara Hall Chair: Krishna Pokharel	NA Room: Rupa Hall Chair: Jeevan Kafle	ST Room: Begnas Hall Chair: Vikash Raj Satyal
09:30 am - 09:55 am	Vivek Natarajan	Anirban Dawn	Nicolae Tarfulea	Chandan Pal
09:55 am - 10:20 am	Eduard Kirr	Menassie Ephrem	Sudarshan Tiwari	Somabha Mukherjee
10:20 am - 10:45 am	Andrei Tarfulea	Alexander Schmitt	Yasunori Kimura	
10:45 am - 11:00 am	Coffee Break			
<b>Contributed Sessions:</b>				
	DE Room: Phewa Hall Chair: Durga J. KC	ME Room: Rara Hall Chair: Bir Kafle	NA Room: Rupa Hall Chair: Phanindra Bhandari	MB Room: Begnas Hall Chair: Hem Joshi
11:00 am - 11:15 am	Raj Kumar Pradhan	Krishna Pokharel	Harihar Khanal	Pushpa Nidhi Gautam
11:15 am - 11:30 am	Min Ranabhat	Netra K. Manandhar	Real KC	Kabita Luitel
11:30 am - 11:45 am	Pawan Shrestha	Manoj Lamichhane	Parameshwari Kattel	Laxman Kunwar
11:45 am - 12:00 pm	Bishnu Hari Subedi	Bir Kafle	Ilyani Abdullah	Hem Joshi
12:00 pm - 01:25 pm	Lunch Break			
01:30 pm - 02:05 pm	Special Invited [7]: John Borkowski Room: Phewa Hall      Chair: Hem Joshi		Special Invited [8]: Elissa Schwartz <span style="color: red;">(canceled)</span> Room: Begnas Hall      Chair: Naveen Vaidya	
02:10 pm - 03:00 pm	<b>Plenary [6]:</b> Alun Lloyd	Room: Phewa Hall	Chair: Naveen Vaidya <span style="color: red;">(canceled)</span>	
03:30 pm --	Sundari Danda Visit			

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### Day 4: Sunday, May 28

08:00 am - 08:30 am	Coffee			
08:30 am - 09:05 am	Special Invited [9]: Mukesh Dhamala Room: Phewa Hall      Chair: Harihar Khanal		Special Invited [10]: Jinkai Li Room: Begnas Hall      Chair: Netra Khanal	
<b>Contributed Sessions:</b>				
	NA Room: Phewa Hall Chair: Phanindra Bhandari	ME Room: Rara Hall Chair: Manoj Lamichhane	ST Room: Rupa Hall Chair: Sher Chhetri	MB Room: Begnas Hall Chair: Kabita Luitel
09:15 am - 09:30 am	Gunakhar Pokharel	Kedar Nepal	Rajendra P Upadhyaya	Chamila Niroshanie
09:30 am - 09:45 am	Puskar R Pokhrel	Binod P Pant	Radhika Sigdel	Kamal Panta
09:45 am - 10:00 am	Bharat Raj Wagle	Sushmita Pathak	Bhikhari Tharu	Gyan P Paudel
10:00 am - 10:15 am	Prakriti Dhakal	Indra Mani Shrestha	Kiran Kumar Shrestha	Chudamani Pokharel
10:15 am - 10:30 am	Tanay Kumar Karmakar	Kharika Parajuli	Sher Chhetri	Gokul KC
10:30 am - 10:35 am	Coffee Break			
<b>Contributed Sessions:</b>				
	DE Room: Phewa Hall Chair: Sundar Tamang	ME Room: Rara Hall Chair: Pradip Aryal	ST Room: Rupa Hall Chair: Bhikhari Tharu	NA Room: Begnas Hall Chair: Puskar R. Pokhrel
10:35 am - 10:50 am	Anurag Shukla	Uttam Shrestha	Krishna Prasad Acharya	Tek B Budhathoki
10:50 am - 11:05 am	Ramesh C Timsina	Daya Simkhada	Ishwari Prasad Banjade	Phanindra Bhandari
11:05 am - 11:20 am	Chet Nath Tiwari	Mohan Thapa	Madhab Prasad Baral	Ramesh Khanal
11:20 am - 11:35 am	Pitamber Tiwari	Tara Paudel	Sumangal Bhattacharya	Ananda Prasad Panta
11:35 am - 11:50 am	Sundar Tamang	Ram Krishna Panthi		B.D.K. Patro
11:50 am - 12:20 pm	Closing Remarks      Room: Phewa Hall			
12:20 pm - 01:20 pm	Lunch Break			
01:30 pm	Departure to Kathmandu			

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