

Fourth International Conference on Applications of Mathematics to Nonlinear Sciences (AMNS-2026)

May 28-31, 2026
Kathmandu, Nepal

Program

Day 1: Thursday, May 28	
08:00 am - 04:00 pm	Registration
08:00 am - 09:00 am	Breakfast
09:00 am - 09:45 am	Welcome/Opening Ceremony
10:00 am - 10:50 am	Plenary [1]: Michael Dorff Room: Sarathi Hall Chair: Dhruva Adhikari

Contributed Sessions				
	DE Room: Sarathi Hall Chair: Ram Sharan Adhikari	ME Room: Bhrikuti Hall Chair: Manoj Lamichhane	MB Room: Araniko Hall Chair: Khagendra Adhikari	NA Room: Ramjham Hall Chair: Ghanshyam Bhatt
11:00 am - 11:15 am	Diptiranjana Behera	Deepak Basyal	Ami Raj Adhikari	Grishma Acharya
11:15 am - 11:30 am	Molhu P. Jaishwal	Harsh B Chand	Aasis Baral	Bishwa Raj Adhikari
11:30 am - 11:45 am	Gopal P Acharya	Kedar Nepal	Rajendra Dahal	Surendra Nepal
11:45 am - 12:00 pm	Ram Sharan Adhikari	Manoj Lamichhane	Khagendra Adhikari	Ghanshyam Bhatt
12:00 pm - 1:30 pm	Lunch Break			

Minisymposia			
	Elliptic PDEs and Operator Theory (Session 1) Room: Sarathi Hall	Recent Advances in the Theory and Applications of Differential Equations Room: Araniko Hall	Mathematical Biology: Theory, Computation, and Artificial Intelligence Room: Bhrikuti Hall
1:30 pm - 1:55 pm	Maya Chhetri	Eduard Kirr*	Ananta Upreti
1:55 pm - 2:20 pm	Hana Kakiuchi	Vivek Natarajan	Shivam Kumar Mishra
2:20 pm - 2:45 pm	Francesca Faraci	Ashish Kumar Pandey	Syed Abbas
2:45 pm - 3:10 pm	Eric Stachura*	Dipendra Regmi	Hem Raj Joshi*
3:10 pm - 3:30 pm	Coffee Break		

Invited Sessions				
	DE Room: Sarathi Hall Chair: Dipendra Regmi	ME/AI Room: Araniko Hall Chair: Maximilian Dauner	NA Room: Bhrikuti Hall Chair: Hari Nandan Nath	PS Room: Ramjham Hall Chair: Jyoti Upadhyaya
03:30 pm - 03:55 pm	Mirnalini Arulrohan	Emma Bullock	Rakesh Manilal H. Patel	Di Gao
3:55 pm - 4:20 pm	Jatin Adeshara	Katarína Petřlová	Dinesha R Perera	Guillaume Leduc
4:20 pm - 4:45 pm	Hynek Baran	Muhammad Zulqurnain	Sudarshan Tiwari	Chandan Pal
4:45 pm - 5:10 pm	Javid Ali	Maximilian Dauner	M. Thenmozhi	Stephen M Scariano

5:15 pm - 5:50 pm	Special Invited [1]: Toyohiko Aiki Room: Sarathi Hall Chair: Dhruva Adhikari	Special Invited [2]: Debasis Kundu Room: Araniko Hall Chair: Gokarna Aryal
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DE = Differential Equations and Nonlinear Analysis
MB = Mathematical Biology
PS = Probability, Statistics, and Data Science
AT = Algebra and Topology

ME = Mathematics Education
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AI = Artificial Intelligence and Machine Learning
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Day 2: Friday, May 29

08:00 am - 04:00 pm	Registration		
08:00 am - 08:30 am	Coffee		
08:30 am - 09:20 am	Plenary [2]: Zhaosheng Feng	Room: Sarathi Hall	Chair: Harihar Khanal
9:30 am - 10:05 am	Special Invited [3]: James McCoy Room: Sarathi Hall Chair: Chet Raj Bhatta	Special Invited [6]: Till Becker Room: Araniko Hall Chair: Shree Ram Khadka	
10:05 am - 10:25 am	Coffee Break		

Minisymposia

	Elliptic PDEs and Operator Theory [2]	Models that Matter: Quantitative Insights for Business and Finance	Applications of Statistics in Public Health and Biomedical Sciences	Mathematical Biology: Theory, Computation, and Artificial Intelligence [2]
	Room: Sarathi Hall	Room: Araniko Hall	Room: Bhrikuti Hall	Room: Ramjham Hall
10:25 am - 10:50 am	Mabel Cuesta	Pushpa Bhattarai	Bhikhari Tharu	Yagya R Panta
10:50 am - 11:15 am	Kota Kumazaki	Mitra Devkota	Milan Bimali	Ramsha Shafqat
11:15 am - 11:40 am	Rosa Pardo	Bikash Koirala	Surya Raj Niraula	Harsh Jain
11:40 am - 12:05 pm	Dhruba Adhikari*	Humnath Panta	Keshav Pokhrel	Ramesh C. Timsina
12:05 pm - 12:30 pm	Javid Ali	Chudamani Poudyal*	Subhash Aryal*	Archana Timsina*
12:30 pm - 1:45 pm	Lunch Break			

1:45 pm - 2:35 pm	Plenary [3]: Ernest Fokoué	Room: Sarathi Hall	Chair: Ram Prasad Khatiwada
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Contributed Sessions

	DE Room: Sarathi Hall Chair: Bekha R Dangol	AT Room: Araniko Hall Chair: Bal B Tamang	AI Room: Bhrikuti Hall Chair: Keshab Dahal	PS Room: Ramjham Hall Chair: Surya Raj Niraula
2:45 pm - 3:00 pm	Rani Sulvianuri	Gobinda Adhikari	Keshab Dahal	Gokarna Aryal
3:00 pm - 3:15 pm	Kedar N Chhatkuli	Anilchandra Jha	Ramchandra Rimal	Madhav K Bhusal
3:15 pm - 3:30 pm	Krishna Pokharel	Arnav Khadka	Ankesh Karn	Shanta Gautam
3:30 pm - 3:45 pm	Bekha R Dangol	Bal B Tamang	Sakrit Kafle	Khyam Paneru
3:45 pm - 4:00 pm	Coffee Break			

Invited Sessions

Contributed Sessions

	DE Room: Sarathi Hall Chair: Elisabete Albredi	PS/AI Room: Araniko Hall Chair: Bhikari Tharu		NA Room: Bhrikuti Hall Chair: Puskar R Pokhrel	DE Room: Ramjham Hall Chair: Kirshna Pokhrel
4:00 pm - 4:25 pm	Ryad Ghanam	Stephen M Scariano	4:00pm-4:15pm	Rajendra Paudyal	Biseswar P Bhatt
4:25 pm - 4:50 pm	Karel Hasik	Shantanu K Yadav	4:15pm-4:30pm	Gunakhar Pokharel	Raktim Neupane
4:50 pm - 5:15 pm	Rakesh M. H. Patel	Surya Prakash	4:30pm-4:45pm	Ritu Basnet Thapa	Ganesh B Basnet
5:15 pm - 5:50 pm	Elisabete Albredi	Ruchi Kawatra	4:45pm-5:00pm	Puskar Pokhrel	Pawan K BK
			5:00pm-5:15pm	Narayan Adhikari	Sukanya Dutta
			5:15pm-5:30pm	Rani Sulvianuri	Chudamani Pokhrel
			5:30pm-5:45pm	Laxman B Kunwar	
Photo Session: 6:15 pm					
Banquet: 6:30 pm					

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Day 3: Saturday, May 30

08:00 am - 04:00 pm	Registration
08:00 am - 08:30 am	Coffee
08:30 am - 09:20 am	Plenary [4]: Bijoy K. Ghosh Room: Sarathi Hall Chair: Parameshwari Kattel

Contributed Sessions

	DE Room: Sarathi Hall Chair: Jayadev Nath	NA Room: Araniko Hall Chair: Phanindra P Bhandari	MB Room: Bhrikuti Hall Chair: Kabita Luitel	PS Room: Ramjham Hall Chair:
09:30 am - 09:45 am	Jay Jha	Rasmit Devkota	Hari Prasad Bhattarai	Shahid Mohammad
09:45 am - 10:00 am	Raman Karn	Ram C Dhungana	Gauri Bhuju	Surendra R Nepal
10:00 am - 10:15 am	Aashiq Mahato	Shiva P Gupta	Ganga Ram DC	Govind Jnawali
10:15 am - 10:30 am	Jayadev Nath	Phanindra P Bhandari	Anand Singh	Jyoti Upadhyaya
10:30 am - 10:50 am	Coffee Break			

Invited Sessions

Contributed Sessions

	DE Room: Sarathi Hall Chair: Ram C Dhungana		MB Room: Araniko Hall Chair: Ramesh Gautam	ME Room: Bhrikuti Hall Chair: Prem K Dhakal	AT Room: Ramjham Hall Chair: Gyan P Paudel
10:50am-11:15am	Petr Vojcak	10:50am-11:05am	Sabindra Giri	Kailash Ghimire	Sabin Pokharel
11:15am-11:40am	Rakesh M. H. Patel	11:05am-11:20 am	Nilam Kharel	K P Ghimire	Basanti Sharma Poudyal
11:40am-12:05pm	Jatin Adeshara	11:20am-11:35am	Ramesh Gautam	Basanta Lamichhane	Purushottam Parajuli
12:05pm-12:30pm	Adisak Seesanea	11:35am-11:50am	Kabita Luitel	Prem K Dhakal	Gyan P Paudel
12:30pm - 01:45pm	Lunch Break				

01:45 - 02:20pm	Special Invited [5]: Marianna Pensky Room: Sarathi Hall Chair: Ram Chandra Rimal	Special Invited [4]: Dimplekumar Chalishaja Room: Araniko Hall Chair: Parameshwari Kattel
02:30pm – 03:20pm	Plenary [5]: Ji-Hyun Lee Room: Sarathi Hall	Chair: Harihar Khanal
03:30 pm --	Excursion	

Poster Session

Room: Araniko Hall
02:30pm-3:30pm

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Day 4: Sunday, May 31

08:00 am - 08:30 am	Coffee		
8:30 am – 9:20 am	Plenary [6]: Ami E. Radunskaya	Room: Sarathi Hall	Chair: Hem Raj Joshi

Contributed Sessions

	DE Room: Sarathi Hall Chair: Chudamani Pokharel	ME Room: Araniko Hall Chair: Ramesh P Awasthi	PS Room: Bhrikuti Hall Chair: Shantiram Subedi	MB Room: Ramjham Hall Chair: Laxman B Kunwar
09:30 am - 09:45 am		Ramesh Prasad Awasthi	Shantiram Subedi	Raghubir Bhatta
09:45 am - 10:00 am	Shankar Pariyar	Laxmi Sharma	Ishwar Kumar Shrestha	Sharmila Shrestha
10:00 am - 10:15 am	Resham P Paudel	Dhana Kumari Thapa	Tripti Tripathi	Anup Tuladhar
10:15 am - 10:30 am	Santosh Paudel	Bhesh Raj Budhathoki	Mahesh Parajuli	Hari Gnawali
10:30 am - 10:45 am	Coffee Break			

Contributed Sessions

	DE Room: Sarathi Hall Chair: Chet N. Tiwari	AI Room: Araniko Hall Chair: Netra Khanal	DE Room: Ramjham Hall Chair: Pitambar Tiwari	NA Room: Bhrikuti Hall Chair: Iswar Mani Adhikari
10:45 am – 11:00 am	Pushpa N Gautam	Pratik Ray	Arun K. Bhandari	Swikar Jaiswal
11:00 am - 11:15 am	Sujan Pokharel	Narayan Sapkota	Tek Raj Pant	Hari Nandan Nath
11:15 am - 11:30 am	Bishnu P Bhandari	Shrijak Shrestha	Santosh Gnawali	Badri Prasad Pangen
11:30 am - 11:45 am	Tuk B. Rana	Netra Khanal	Baldev Adhikari	Giri Raj Paneru
11:45 am – 12:00 pm	Chet N. Tiwari	Subeekshya Shrestha	Pitambar Tiwari	Iswar Mani Adhikari
12:00 pm - 01:15 pm	Lunch Break			
1:15 pm – 1:50 pm	Special Invited [7]: Krishna P Paudel Room: Sarathi Hall Chair: Harihar Khanal			
2:00 pm – 2:50 pm	Plenary [7]: Marcia Linn Room: Sarathi Hall		Chair: Harihar Khanal	
2:50 pm – 3:20 pm	Closing Remarks Room: Sarathi Hall			

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