

Kathmandu Symposia on Advanced Materials (KaSAM-2026); October 28-231, 2026, Lalitpur, Nepal

VENUE: National Institute of Engineering and Technology, Kopundole, Lalitpur

TECHNICAL PROGRAMME (Subject to Change)

Day I (Wednesday, October 28, 2026)

0800- 0930	Arrival of Guests and Participants, Registration and Breakfast
0930-1030	Opening Ceremony (details to be announced later)
1030- 1120	Tea Break and Networking
Keynote Address and Short Course for Young Scientists: Smart and Functional Materials for Sustainable Future <i>Chairpersons: Rameshwar Adhikari, Tribhuvan University, Kathmandu, NEPAL</i>	
1120-1200 (KL1)	<i>Asa Bradman, University of California, Merced, USA</i> From Fields to Futures: Pesticide and Other Environmental Exposures and the Health of Children
1200- 1230 (DL1)	<i>Satoru Tsukada, Chiba University, Chiba, JAPAN</i> Development of Metal-Free Metallic-Lustrous Materials Based on 3-Alkoxythiophene Oligomers
1230- 1300 (DL1)	<i>Tetsuya Kambe, University of Tsukuba, Tsukuba, JAPAN</i> Boron-based Advanced Materials: Chemical Design and Functions of Borophene-analog Layered Structures
1300- 1400	<i>Lunch Break + Poster Preparation</i>
1400- 1430 (TL1)	<i>Madhav Prasad Ghimire, Central Department of Physics, Tribhuvan University, Kathmandu, Nepal</i> High Performance Computing in Tribhuvan University: Its Uses and Prospects for the Future
1430-1500 (TL2)	<i>Netra Lal Bhandari, Tribhuvan University, Kathmandu, NEPAL</i> Scientific Research in Nepal: Scope, Opportunities and Limitations
1500-1530 (TL3)	<i>Bidit Lamsal, Martin Luther University, Halle/Saale, GERMANY</i> Introduction to Solid-State NMR
1530-1600 (TL4)	<i>Mahesh Timilsina, University of Tasmania, AUSTRALIA</i> Designing Novel Plastics from Biobased Resources: Towards Sustainable Future Materials
1600-1700	<i>Tea Break + Poster Session</i>

Day II (Thursday, October 29, 2026)			
0730-0900	Poster Session with Breakfast		
0900-0930	KL2: Peter Timashev, Institute for Regenerative Medicine, Sechenov University, Moscow, Russia <i>Overcoming the Valley of Death: Translational Strategies for Advanced Biomaterials in Regenerative Medicine</i>		
0930-1000	KL3: Hem Raj Pant, Pulchowk Campus, Tribhuvan University, Nepal <i>Electrospun Nanomembrane: From Environmental Remediation to Health-Care Technology</i>		
	HALL-A Session: Functional Materials-I	HALL-B Session: Structure-properties	HALL-C Session: Simulation I
1005-1230	IL: Raj Kumar Sahu IL: Kamal Sapkota IL: Dipak Kumar Gupta IL: Sanjay Kumar Singh IL: Anju Kumari Das OP: Bimal Rajchal OP: Arun Acharya	IL: Bimala Subba IL: Bhojraj Paudel IL: Prakash Gautam IL: Sonu Kumar IL: Sonam Tamang OP: Sanuja Shrestha OP: Shiva Prasad Bhattarai	IL: Kapil Adhikari IL: Nurapati Panta IL: Hari KC OP: Rabin Rachaila OP: Bhargav K. Darji OP: Pratik H. Mesvaniya
1230-1320	Group Photo + Lunch Break		
	Session: Functional Materials-I	Session: BioNano II	Session: Green and Sustainability-I
1320-1510	IL: Ashim Dhakal IL: Ishwar Pathak IL: Sanjay Singh IL: Bhim Prasad Kafle OP: Sabin Aryal OP: Yub Narayan Thapa OP: Suman Damai	IL: Achyut Adhikari IL: Rajendra Prasad Parajuli IL: Suraj Bhattarai IL: Maya Das OP: Ram Prasad Baral OP: Nisha Magar OP: Ganga Bir Rai OP: Shukra Raj Regmi	IL: Deepak Prasad Subedi IL: Sabin Khyaju IL: Ram Jeewan Yadav IL: Lok Ranjan Bhatt OP: Sadikshya Chaulagain OP: Binita Silwal OP: Deep Jyoti Adhikari OP: Kuber Mani Nepal
1510-1600	Round Table Discussion I: Young Scientists' Vision for Science to Society Lead Presenter: Panelists: Under confirmation Moderator: Supriya Pradhan, Central Department of Chemistry, Tribhuvan University, Nepal		
1600-1700	Poster Session with Tea/Coffee		

Day III (Friday, October 30, 2026)			
0730-0900	Poster Session with Breakfast		
0900-0930	KL4: Amar Prasad Yadav, Tribhuvan University, Kathmandu, NEPAL <i>Electrode Materials for Supercapacitors: A Review on Recent Trends</i>		
0930-1000	KL5: Suresh Kumar Dhungel, Nepal Academy of Science & Technology (NAST), NEPAL <i>Relevance of Silicon Bottom Cells in Tandem Photovoltaics for Terrestrial Applications</i>		
	HALL-A Session: Green and Sustainability-II	HALL-B Session: BioNano II	HALL-C Session: Data Sci., GIS, Simulation I
1005-1230	IL: Mahesh Joshi IL: Deval Prasad Bhattarai IL: Kshama Parajuli IL: Tanka Mukhiya OP: Surya Kumari Joshi OP: Numkanta Parajuli OP: Salin Dhital	IL: Paras Nath Yadav IL: Kul Raj Rai IL: Abhishek Chowdhury IL: Ram Prabodh Yadav OP: Gayatri Maiya Koju OP: Deepshikha Karki	IL: Dinesh Acharya OP: Kritika Gairhe OP: Saddam Husain Dhobi OP: Milan Chapagain OP: Kul Prasad Lamichhane OP: Om Jha
1230-1330	Lunch Break		
1330-1430	Round Table Discussion II- [Materials, Technologies and Nature-Based Solutions for Sustainable Cities] Lead Presenter: Shankar Khatiwada, Panelists: Under confirmation		
1430-1530	Round Table Discussion III- [Bamboo: Bridging Traditions with Advanced Materials] Lead Presenter: Saurabha Bhattarai, Panelists: Under confirmation		
1530-1600	Tea Break		
1605-1700	Award Distribution, Felicitations and Farewell Songs by Young Scientists (TBC)		

Day IV (Saturday, October 31, 2026)	
0700-1200	Scientific Excursion and Interaction: Bus Trip to Madan Bhandari University of Science and Technology (MBUST), Chitlang; Details to follow (awaiting final confirmation)