

**International Workshop on the
Measurement of the Height of the Mt. Everest (Sagarmatha)
& GNSS Application
11-12 December 2017
Program Schedule**

December 11, 2017, Monday: Day I Park Village Resort, Budhanilkantha, Kathmandu		
08:00 - 09:00	Registration, Breakfast and Taking Seats	Registration Desk
09:00 - 10:30 Opening Session	Chair: Ganesh Prasad. Bhatta, Director General, Survey Department Chief Guest: Shambhu Koirala, Secretary, MoLRM	Nalanda Hall
	National Anthem of Nepal Welcome Speech, Highlights and Objective of workshop: Susheel Dangol Presentation on Concept of Measurement of Height of Mt. Everest (Sagarmatha): Niraj Manandhar Remarks: Giorgio Poretti Remarks: Roger Bilham Remarks: Armin Gruen Remarks: Chief Guest Closing Remarks: Ganesh Prasad Bhatta, Director General, Survey Department	
10:00 - 10:30	Tea/Coffee Break	Restaurant
10:30 - 12:00 Technical Session I	Chair: Suresh Man Shrestha Rapporteur: Alex Tait	Nalanda Hall
10:30 - 11:30	Proposed Methodology on the Measurement of the Height of the Mt. Everest (Sagarmatha): Niraj Manandhar	
11:30 - 12:00	Q & A	
12:00 - 13:00	Lunch Break	Alfresco Restaurant
13:00 - 15:15 Technical Session II	Theme II : Innovative Technologies on Mountain Measurement Chair: Giorgio Poretti Rapporteur: Ram Kumar Sapkota	Nalanda Hall
13:00 - 13:30	Influence of inteseismic deformation and earthquake energy release on the height of Mt. Everest: Prof. Roger Bilham	
13:30 - 14:00	Measurement of Height of Mt. Everest (Sagarmatha): Geodetic considerations: Dr. Christopher Pearson	
14:00 - 14:30	High Resolution 3D Modeling of Mount Everest from Images: Prof. Dr. Armin Gruen	
14:30 - 15:00	3D Mountain Modeling using Aerial Images, Aerial LiDAR data, and Satellite Data Nakagawa Masafumi	

15:00 - 15:15	Special Instrument/Technology by Trimble Jonathan Davis	
15:15 - 15:30	Tea/Coffee Break	Restaurant
15:30 - 16:30	Theme III : GNSS Applications Chair: Mohammad Sabir Husain Rapporteur: Susheel Dangol	Nalanda Hall
15:30 - 16:00	Importance of CORS for Surveying and Mapping in Nepal Dinesh Manandhar	
16:00 - 16:30	Presentation on GNSS application: Hideshi Kakimoto, Hitachi Zosen / GPAS	
December 12, 2017, Tuesday: Day II Park Village Resort, Budhanilkantha, Kathmandu		
08:00 - 09:00	Breakfast	Restaurant
09:00 - 12:00	Theme IV: History and Experience on Everest Measurement Chair: Niraj Manandhar Rapporteur: Janak Raj Joshi	Nalanda Hall
09:00 - 09:40	The Height of Mountains. Measurements and Computations in Mountain Area. Prof. Giorgio Poretti	
09:40 - 10:20	Presentation; National Administration of Surveying, Mapping and Geo-information, China	
10:20 - 10:30	Tea/Coffee Break	Restaurant
10:30 - 11:10	History and Experience on Mt. Everest Height Measurement: Dy. Surveyor General, Survey of India	
11:10 - 11:50	Research on Everest Alexander Tait, National Geographic	
11:50 - 13:00	Lunch Break	Restaurant
13:00 - 14:30	Panel Discussion on Proposed methodology developed by Survey Department, Government of Nepal Facilitator: Suresh Man Shrestha Rapporteur: Bibek Nepal, Dipesh Suwal, Sushmita Timalisina	Nalanda Hall
13:30 - 14:30	Open floor discussion on draft methodology	
14:30 - 15:00	Tea/Coffee Break	Restaurant
15:00 - 16:00	Chair: Ganesh Prasad Bhatta	Nalanda Hall
15:00 - 16:00	Closing Session Presentation on finalized methodology: Niraj Manandhar Closing Remarks: Chair	
18:00 - 21:00	Dinner: Sponsored by 	Restaurant