

Announcement & First Call for Abstracts

American Society of Nepalese Engineers (ASNEngr) cordially invites you to participate in the

10th ASNEngr Annual Conference

“Innovation in Engineering and Scientific Knowledge for Tomorrow”

Date: June 24 - 25, 2017

Location: Greater Washington D.C. Area
(Best Western Battlefield Inn, 10820 Balls Ford Road, Manassas, Virginia 20109, U.S.A.)

Abstracts Due Date: April 15, 2017

Engineers, scientists and professionals from closely related disciplines of science and technology will gather to discuss the recent developments in engineering, science and technology and their impacts in the society. The conference will be held in Virginia, U.S.A. hosted by the Greater Washington D.C. Chapter of ASNEngr.

Paper presentations are anticipated covering wide varieties of engineering, scientific and technological topics, including but not limited to, the following:

- Recent advances in research, innovation, development, and education in engineering, science, and technology
- Application of engineering and scientific knowledge into practice (knowledge share)
- Advances in infrastructure development, analysis, design, monitoring and sustainability approach
- Earthquake recovery, reconstruction and disaster preparedness in Nepal
- Smart, intelligent and bio-inspired structures and engineering systems and sensors
- Renewable and sustainable energy technologies
- Environmental and green/clean technology for sustainable development
- Intelligent computing, information technology and wireless communication, especially for developing countries
- Rapid prototyping, 3-D printing, adaptive, and autonomous manufacturing
- Smart and intelligent transportation systems, ground and airborne
- Space exploration, space-based and aerospace technologies for terrestrial application and use
- Ground, air, and spaced remote sensing and GPS
- Social and Economic issues in engineering applications
- International collaboration in engineering, science and technology, especially between individuals/organizations from the U.S. and Nepal
- Research and innovation by Nepali origin engineers and scientists
- Other engineering and scientific topics of interest

Abstract Preparation and Submission Guidelines:

All who wish to present their work at the conference must submit an abstract of about 250-500 words (**one page**) by **April 15, 2017** online at <http://www.ASNEngr.org>. Submitted abstracts will be reviewed

by the Conference Technical Committee to determine their suitability for the presentation at the Conference. Authors will be notified about status of their abstracts by May 15, 2017. Authors would be expected to present paper at the conference venue. In special condition (for author outside of the USA), online (Skype) presentation may be arranged.

Abstracts are to be prepared according to the following format:

- 1) Provide 1” margin on all sides.
- 2) *Ist line*: Type the title of presentation/paper (Times New Roman, 14 point font, bold and centered).
- 3) Leave one blank line below the presentation title and provide authors’ information - name, affiliation, city, state, country (use Times New Roman, 12 point font and centered).
- 4) Leave one blank line below the last author’s information and type heading for the abstract as “**ABSTRACT**” (use Times New Roman, 12 point font, bold, underlined and centered).
- 5) Leave a blank line below the abstract heading and provide abstract text of 250 - 500 words on the rest of the page (use single space, Times New Roman, not less than 10 point font, align text to left and right margins). The abstract may include representative figures and results.
- 6) Provide a footnote with each author’s job title, affiliation, complete address, phone number, e-mail address, and ASNEng membership grade, if any. ***Limit abstract to 1 page.***

For authors’ reference, a couple of sample abstracts have been posted on the ASNEng website at <http://www.ASNEng.org> (see “Annual Conferences and Meetings” page).

Student Poster Competition:

This year an added attraction at the ASNEng Conference will be the “*Student Poster Competition.*” Graduate and undergraduate students in all engineering and related science and technology fields will be eligible to compete. An abstract for the poster competition should also be prepared following the guidelines given above. The first author must be a student and the 2nd author his/her faculty advisor. The student author must be physically in attendance at the conference to present the poster. The guidelines and format for poster preparation will be provided after the decision on the abstracts has been made. All abstracts for the student poster competition must be submitted by the due date indicated above. To be included in the competition, at the top of the abstract the phrase “Student Poster Competition” should be clearly written. Winner(s) of the poster competition will be recognized appropriately at the conference.

Conference Proceedings:

All accepted abstracts will be compiled in the form of a conference proceedings/book of abstracts and will be posted on the ASNEng website. For reference, please see the proceedings of the previous years’ conferences available at <http://www.ASNEng.org>.

Registration

All conference attendees are required to register. Registration can be made online via ASNEng website at <http://www.ASNEng.org>. On-site registration at the conference venue will also be available.

Tentative Program Schedule

(Subject to change)

Saturday, June 24, 2017

7:30 AM – Registration and light breakfast

8:45 AM - 10:00 AM: Conference Opening and Plenary/Keynote lecture

10:00 AM – 12:00 PM: Technical Presentations/Sessions
12:00 PM – 1:00 PM: Lunch
1:00 PM - 2:00 PM: Special Program – Poster Session & Networking
2:00 PM – 5:30 PM: Technical Presentations/Sessions
6:30 PM – 10:00 PM: Networking Dinner, cultural program and Conference Closure

Sunday, June 25, 2017

8:00 AM – 9 AM: Light breakfast
9:00 AM – 10:15 AM: Faculty, Student, and Practicing Engineers Forum – Opportunities & Challenges.
10:30 AM – 12:00 Noon: ASNEng Annual Membership and Board of Directors Meeting (All non-member conference attendees welcomed as Guests.)
12:30 PM – Sight-seeing of Greater Washington DC Area (for those interested).

Conference Organizing Committee Contacts

General Chair:

Ramesh B. Malla, Ph.D., F. ASCE, A.F. AIAA, F. ASNEng; (University of Connecticut, Storrs, CT)
E-mail: MallaR@engr.uconn.edu

Technical Chair and Co-Chair:

Uendra Karna, D. Eng., P.E., F. ASNEng; (U & S Engineers, P.C. Lambertville, NJ)
E-mail: UKarna.asne@gmail.com
Rabin Bhattarai, Ph.D. (University of Illinois, Urbana-Champaign, IL)
E-mail: rbhatta2@illinois.edu

Local Committee Chair and Co-Chair:

Mangal Maharjan, P.E., (Solar Energy World, Elkridge, MD)
E-mail: maharjan77@yahoo.com
Dilli Neupane, P.E. (Sustainable Engineering for Energy & Environment, Falls Church, VA)
E-mail: drneupane@gmail.com

Student Poster Competition Chair:

Ananda Paudel, Ph.D. (Metropolitan State University of Denver, Denver, CO)
E-mail: a_paudel@yahoo.com

About ASNEng

American Society of Nepalese Engineers (ASNEng) - a non-profit organization established in September 2007 with IRS 501(c)(3) tax exempt status – aims at providing a common platform for people of Nepalese background and their friends, in engineering and closely related scientific and technical areas to come together, exchange ideas, and support each other for their and the larger society's common good and benefits. It operates for engineering, scientific and technological research and educational purposes. The Society also strives at promoting engineering, scientific, and technological advancement in Nepal. The Membership application form and detailed information on ASNEng and updates on its recent activities can be found at <http://www.ASNEng.org>.