

National Symposium on NSM Grid over NKN

(GARUDA - NKN Partners Meet 2017)

9 - 10 October, 2017 @ The Chancery Pavilion,
Residency Road, (Near Richmond Flyover) Bengaluru, Karnataka 560025, India

C-DAC, a pioneer in Supercomputing, in association with IISc Bangalore, is spearheading the **National Supercomputing Mission (NSM)** - a Government of India programme to enable India leapfrog into world class supercomputing power nations. The Garuda Grid, India's first national grid initiative, implemented by C-DAC, has successfully brought together scientific, academic and research communities across the country to develop data and compute intensive applications with guaranteed QoS. The **National Knowledge Network (NKN)**, an ambitious programme of the Govt. of India, is a state-of-the-art multi-gigabit network backbone connecting over 1600 vibrant institutions across India with an aim to improve access to knowledge and accelerate research.

The "National Symposium on NSM Grid over NKN" is jointly organized by C-DAC and NKN to bring forth collaborative initiatives in scientific and research community leveraging on the enhanced power of National Supercomputing Mission (NSM) - National Knowledge Network (NKN). This would also provide an insight into the NSM.

The thematic areas of the symposium include, but not limited to the following topics in the context of NSM and the Grid:

- ◆ Trends in HPC for the Petascale and Exascale computations
- ◆ Hardware architectures and advancements
- ◆ System software (Tools & Technologies) and Programming Paradigms
- ◆ Scientific application domains for cyber-infrastructure
- ◆ Cyber security aspects in application development ecosystem
- ◆ Convergence of IoT, Big data and Cloud in the context of Artificial Intelligence
- ◆ Education & HR development for harnessing massive parallelism

We strongly believe in building partnership and engaging in valuable collaboration with institutions like yours to carry out scientific experiments and simulations to

address National level problems. We look forward to having you with us during the symposium and share your experiences, viewpoints and expectations towards NSM Grid and National Knowledge Network. Detailed program of symposium will be posted on our website shortly.

Registration for this event is by invitation and there is NO registration fee. However, travel and accommodation expenses have to be borne by parent institution/ participants.

Last date for registration is October 03, 2017. We look forward to seeing you on October 09, 2017 @ The Chancery Pavilion, Residency Road, Bangalore

ORGANIZING SECRETARY:

National Symposium on NSM Grid over NKN
(GARUDA-NKN Partners Meet 2017)
Centre for Development of Advanced Computing
(C-DAC),
No.1, Old Madras Road, Byappanahalli,
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URL:

http://garudaindia.in/html/garuda_nkn_partnersmeet_2017.aspx

FOR ENQUIRY AND CLARIFICATIONS, PLEASE GET IN TOUCH WITH:

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VENUE:

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