

AGENDA FOR FIRST ANNUAL NKN WORKSHOP AT IIT, BOMBAY
VENUE: VICTOR MENEZES CONVENTION CENTRE
(31 October - 2 November 2012)

Day -1 (31 Oct, Wednesday)

INAUGURAL SESSION		Hall: Main Auditorium
0900 hrs – 1000 hrs	Registration along with Welcome Tea	
1000 hrs – 1010 hrs	<ul style="list-style-type: none"> ▶ Dignitaries to be invited on Dias ▶ Lighting of the Lamp 	
1010 hrs – 1020 hrs	Welcome address by – Prof. Devang Khakhar, Director IIT, Bombay	
1020 hrs – 1025 hrs	Address by Dr. Y. K. Sharma, DG NIC (through video conference)	
1025 hrs – 1035 hrs	Address by Dr. B.K. Gairola, Mission Director (e-Gov) DeitY	
1035 hrs – 1045 hrs	Address by Prof S.V. Raghavan, Scientific Secretary to PSA, Gol	
1045 hrs – 1050 hrs	Address by Shri J. Satyanarayana, Secretary DeitY, Gol (through video conference)	
1050 hrs – 1100 hrs	Address by Dr. R. Chidambaram, PSA to Gol and Chairman HLC (NKN)	
1100 hrs – 1110 hrs	Address by Dr. Sam Pitroda, Advisor to PM of India (through video conference)	
1110 hrs – 1120 hrs	Vote of Thanks by Dr. Mahesh Chandra, DDG, NIC, New Delhi	
1120 hrs – 1145hrs Tea Break		
Session – 1		Hall: Main Auditorium
NKN e-Infrastructure Session Chaired By – Prof. Rajat Moona, DG C-DAC		
1145 hrs – 1230 hrs	NKN Overview	Sh. R.S. Mani, STD, NIC, New Delhi
1230 hrs – 1300 hrs	Worldwide LHC Computing Grid Overview	Mr. B.S. Jagadeesh, BARC, Mumbai
1300 hrs – 1330 hrs	GARUDA Grid Overview	Mr. Subrata Chattopadhyay, C-DAC
1330 hrs – 1415 hrs Lunch		
Session – 2		Hall: Main Auditorium
Distance Education & Research Session Chaired By – Dr. B K Gairola, Mission Director (e-Gov) DeitY		
1415 hrs – 1500 hrs	Remote Operation & Control of European Synchrotron Radiation Facility, Live Demo	Dr. M.V. Hosur, BARC, Mumbai
1500 hrs – 1530 hrs	Online Lectures, Live Demo	Prof. D.B. Phatak, IIT, Bombay
1530 hrs – 1600 hrs	Online Lectures, Live Demo	Prof. Kannan Moudgalya, IIT Bombay
1600 hrs – 1620 hrs Tea Break		
Session – 3		Hall: Main Auditorium
NKN Application-1 Session Chaired By- Dr. Suhas Hosur, Former DDG, NIC		
1620 hrs – 1650 hrs	POC for Transport Router, IIT Bombay, Live Demo	Prof. Ashwin Gumaste, IIT Bombay
1650 hrs – 1720 hrs	Collaborative Digital Diagnostic System, Live Demo	Dr. Savita Dawar, STD, NIC, New Delhi
1720 hrs - 1750 hrs	e-Foundry, Live Demo	Dr. B. Ravi, IIT Bombay
1750 hrs – 1815 hrs	Computational Fluid Dynamics	Prof. G.R. Shevare, IIT Bombay

Parallel Session (31 Oct, Wednesday) contd....

Session – 4		Hall: No 22 on 2nd Floor
NKN Application-2 Medical Session Chaired By- Dr. T.P. Lahane, Dean J.J Group of Hospitals Mumbai		
1415 hrs – 1500 hrs	Knowledge Management & Clinical Practice- SGPGI Case Study	Dr. S. K. Mishra, SGPGI, Lucknow
1500 hrs – 1530 hrs	Presentation on Cancer Grid	Dr. Chaukar, TMH, Mumbai
1530 hrs – 1600 hrs	Presentation on Brain Grid	Prof. Prasun K. Roy, NBRC, Manesar
1600 hrs – 1630 hrs	Demonstration of Live Surgery	Dr. M.C. Mishra, AIIMS, New Delhi
1630 hrs – 1645 hrs	Tea Break	
Session – 5		Hall: No 22 on 2nd Floor
NKN Application-3 Session Chaired By- Dr. N. Sarat Chandra Babu, ED, C-DAC Bengaluru		
1645 hrs – 1710 hrs	Virtual-Class Room, Live Demo	Dr. Manoj Singh, AIIMS, New Delhi
1710 hrs – 1735 hrs	Live Demo on Open Source Drug Discovery	Dr. Anshu Bharadwaj, CSIR, New Delhi
1735 hrs – 1800 hrs	Demonstration of Virtual Classroom – A Case Study	Mr. Raynil John, NIC, New Delhi
1800 hrs - 1815 hrs	Tea Break	

Panel Discussion and Q & A Session		Hall: Main Auditorium
Panel Chaired By - Dr. R. Chidambaram, PSA Gol,		
1815 hrs – 1930 hrs	<p>“NKN – The Way Ahead”</p> <ul style="list-style-type: none"> ▶ Automation in remote Data collection from large experiments ▶ New directions in Education system in view of High Speed Networks ▶ Building India where Dreams Come True ▶ Empowering E-governance through NKN ▶ NKN and HPC: A Large Supercomputing ▶ Challenges in Cyber Security on High Speed Networks 	<ul style="list-style-type: none"> ▶ Dr. S. Banerjee ▶ Prof. S.V. Raghavan ▶ Prof. D.B. Phatak ▶ Dr. B. K. Gairola ▶ Prof. Rajat Moona ▶ Sh. Y. S. Mayya
Day -1 (31 Oct, Wednesday) VICTOR MENEZES CONVENTION CENTRE (VMCC)		
1930 hrs onwards	Dinner for all Participating Delegates and Guests	

**VICTOR MENEZES CONVENTION CENTRE
(1 November, Thursday)**

Day -2

Live Demos and Technical Sessions		Hall: Main Auditorium
0900 hrs – 0930 hrs	Welcome Tea	
Session - 6		Hall: Main Auditorium
NKN Application 4 Session Chaired By- Sh R.S. Mundada – Head Computer Division, BARC, Mumbai		
0930 hrs - 0945 hrs	Re capturing of previous day's proceedings	
0945 hrs – 1015 hrs	NKN Enablement at University of Kashmir Campus	Prof S. Mufeed Ahmad, Dir. IT University of Kashmir
1015 hrs - 1045 hrs	India CMS Tier 2 Activities	Dr. Kajari Mazumdar, TIFR, Mumbai
1045 hrs - 1115 hrs	India ALICE Tier 2 Activities	Sh. Vikas Singhal, VECC, Kolkatta
1115 hrs – 1130 hrs	Tea Break	
Session – 8		Hall: Main Auditorium
NKN Application 5 Session Chaired By – Prof. S. V. Raghavan, Scientific Secretary to PSA office		
1130 hrs – 1200 hrs	TEIN4 Activities in India	Dr. ByungKyu Kim from TEIN *CC
1200 hrs - 1230 hrs	Talk on Internet 2	Representative from Internet 2
1230 hrs – 1300 hrs	Technical Session on EU-India Grid	Dr. Alberto Masoni, INFN Italy
1300hrs – 1330 hrs	Technical Session on CHAIN	Dr. Federico Ruggieri, INFN Italy
1330 hrs – 1415 hrs	Lunch	
Session – 9		Hall: Main Auditorium
NKN Application 6 Session Chaired By – Shri. G. P. Srivastava, Director E&I Group, BARC, Mumbai		
1415 hrs – 1445 hrs	Integrated Threat Management Appliance	Sh. R.S. Mani, STD, NIC, New Delhi
1445 hrs – 1515 hrs	Secure Network Access System	Mr. Gigi Joseph, BARC, Mumbai
1515 hrs - 1545 hrs	Network Management System	Ms. Ananthalakshmi, C-DAC, Trivandrum
1600 hrs – 1615 hrs	Vote of Thanks followed by National Anthem	
1615 hrs onwards	Farewell Tea	

Parallel Session (1 November, Thursday)

Session – 7		Hall: No 21 on 2 nd Floor
NKN Application 7 Session Chaired By- Dr. S.K. Sikka, Homi Bhabha Prof. at BARC, Mumbai		
0945 hrs – 1015 hrs	Regional Climate Modeling using Grid Infrastructure	Prof. S.K. Dash, IIT Delhi
1015 hrs - 1045 hrs	Climate Research and NKN	Dr. A.K. Sahai, IITM, Pune
1045 hrs - 1115 hrs	National Biodiversity Grid	Dr. P. Balkrishna, Chairman NBA, Chennai

NKN Tutorial Sessions in Parallel with CHAIN Workshop
VICTOR MENEZES CONVENTION CENTRE
(2 November, Friday)

Day -3

NKN Tutorial Sessions with hands-on			Hall: Main Auditorium
0900 hrs - 0930 hrs	Registration along with Welcome Tea		
Session – 1			Hall: Main Auditorium
Session Chaired By –Sh. R. S. Mani STD, NIC, New Delhi			
0930 hrs - 0945 hrs	Overview		
0945 hrs - 1015 hrs	NKN Technical session (Integration with Campus LAN & Security)	NKN Team	
1015 hrs - 1045 hrs	Hands-on Demo Session 1	NKN Team	
1045 hrs - 1145 hrs	NLDs Session <ul style="list-style-type: none"> ▶ Bharat Sanchar Nigam Ltd. ▶ Mahanagar Telephone Nigam Ltd. ▶ Power Grid Corporation of India Ltd. ▶ RailTel Corporation of India Ltd. 	Representatives from NLDs <ul style="list-style-type: none"> ▶ Mr. Raj Sekhar - Additional GM ▶ TBC* ▶ Mr. Sudesh Kumar Yadav - Manager ▶ Mr. Sanjai Kumar – General Manager 	
1145 hrs – 1200 hrs	Tea Break		
Session – 2			Hall: Main Auditorium
Session Chaired By- Mr B.S. Jagadeesh, BARC, Mumbai			
1200 hrs - 1230 hrs	WLCG gLite Middleware	Mr. B.S. Jagadeesh	
1230 hrs - 1315 hrs	Hands-on Demo Session 2	BARC Team	
1330 hrs – 1415 hrs	Lunch		
Session – 3			Hall: Main Auditorium
Session By- Mr. Subrata Chattopadhyay, C-DAC, Bengaluru			
1400 hrs - 1445 hrs	GARUDA Grid (GT 4) Session 1	Mr. Subrata Chattopadhyay, C-DAC	
1445 hrs - 1530 hrs	Hands-on Demo Session 3	C-DAC Team	
1530 hrs - 1545 hrs	Feedback and Q & A Session		
1545 hrs - 1600 hrs	Tea Break		

*** TBC – To Be Confirmed,**

CHAIN workshop In Parallel with NKN Tutorials
VICTOR MENEZES CONVENTION CENTRE
(2 November, Friday)

Day -3

Session – 1		Hall: No 23 on 2nd Floor
Session Chairman - Prof S.V. Raghavan, Scientific Secretary to PSA, GoI		
0830 hrs – 0900 hrs	Registration along with Welcome Tea	
0900 hrs - 0930 hrs	Introduction: from CHAIN to CHAIN-REDS	Dr. Federico Ruggieri, Co-ordinator of the CHAIN project and Director of Research, Istituto Nazionale Di Fisica Nucleare, INFN Roma Tre Via della Vasca Navale 84, 00146 Rome, Italy.
0930 hrs - 0955 hrs	Regional Grid Infrastructures	Dr. Ognjen Prnjat, Greek Research and Technology Network S.A. 56, Mesogion Av. 11527, Athens.
0955 hrs - 1025 hrs	CHAIN's Roadmap	Dr. Ludek Matyska, CESNET z. s. p. o. Zikova 4 , 160 00 Praha 6, Czech Republic.
1025 hrs - 1105 hrs	Virtual Research Communities	Dr. Manuel Rodriguez-Pascual, Despacho 22.1.31, División de TIC – CIEMAT, Avenida Complutense, 40 28040 Madrid SPAIN.
1105 hrs - 1115 hrs	Questions and Answers	
1115 hrs – 1130 hrs	Tea Break	
Session – 2		Hall: No 23 on 2nd Floor
Session Chairman - Dr. Alberto Masoni, INFN Italy		
1130 hrs – 1200 hrs	The GARUDA Grid project	Dr. Subrata Chattopadhyay, Additional Director, Grid GARUDA Project, Centre for Development of Advanced Computing, Bangalore
1200 hrs – 1230 hrs	Climate change science	Dr. S.K. Dash, Professor and Head, Centre for Atmospheric Sciences, Indian Institute of Technology Delhi, New Delhi
1230 hrs – 1300 hrs	The Science Gateway	Dr. Roberto Barbera, Technical Manager of the CHAIN project and Professor, Department of Physics and Astronomy University of Catania - P.zza Università, 2 I-95124 Catania, Italy
1300 hrs – 1400 hrs	Lunch	
Session – 3		Hall: No 23 on 2nd Floor
Session Chairman - Dr. Federico Ruggieri, INFN Italy		
1400 hrs – 1430 hrs	A Data Infrastructure for Agriculture: the AgINFRA project - The Indian perspective	Dr. A.R.D. Prasad, Professor and Head Documentation Research and Training Centre, Indian Statistical Institute, 8th Mile, Mysore Road, R.V. College Post, Bangalore
1430 hrs - 1500 hrs	NRENs of India and Europe: CHAIN and Beyond	Dr. S.V. Raghavan, Scientific Secretary to the Principal Scientific Adviser to the Government of India, New Delhi.
1500 hrs – 1530 hrs	HPC in Europe the PRACE project	Dr. Sergio Bernardi, SuperComputing Applications and Innovation Department, CINECA - via Magnanelli, 6/3, 40033 Casalecchio di Reno (Bologna) – Italy
1530 hrs – 1600 hrs	Round table	

* **TBD- To Be Decided**