1ST TECH-CULTURE FUSION WORKSHOP & LIVE CYBER PERFORMANCE

Hanoi, 6th - 8th DEC 2017

VENUE

- **(VIETNAM)**
Theatre - La Casa Hanoi Hotel
17 Pham Dinh Ho street, Hai Ba Trung District, Hanoi, Vietnam

- **(INDIA)**
CLT Hall - IIT Madras
the 3rd Floor, IIT Madras Research Park, Kanagam Road, Taramani, Chennai, India

- **(PAKISTAN)**
Center of Excellence in Art and Design (CEAD)
Mehran University of Engineering & Technology (MUET)
Near East Toll Plaza(old Super Highway), Motorway M-9, Jamshoro, Sindh, Pakistan

1st TECH-CULTURE FUSION WORKSHOP

- **Time/Date**: 9:30am, FRI 8 DEC 2017
Place: Meeting Room @ La Casa Hanoi Hotel
Chair: Andrew John Howard, Co-chair, eCulture Working Group, Asia Pacific Advanced Network (APAN)
Presenter:
  Dr. Faridah Noor Mohd Noor (MY) - *MYREN-X*
  Prof. Bhai Khan Shar (PK) - *Freedom of Expression now transcends the continental boundaries*
  Cao Duc Minh (VN)- *VinaREN's experience in the implementation of Cyber Performance.*
  Andrew John Howard (AU) - *Our role as the stewards of our shared human cultural heritage*
Debater:
  Nguyen Hong Van (VN)
  Suhaimi Napis (MY)
  Md Sajidul Islam (BD)
  Boncheol Goo (KR)

LIVE CYBER PERFORMANCE

- **Introduction of Cyber Performance**: Assoc. Professor Dr. Faridah Noor Mohd Noor, Chair, eCulture Working Group, Asia Pacific Advanced Network (APAN)
- **Congratulatory Message**: MSc. Dao Manh Thang - *Deputy director general of NASATI*
- **Opening Performance**: Collaboration with vietnamese musicians and korean performers
- **Traditional indian music**: Carnatic music of south India and hindustani music of north India
- **Traditional pakistani music**: Indus valley vultural medley and RANO
- **3-point Cyber Performance**: Improvisational performance connected to India and Pakistan
- **Final Performance**: Popular vietnamese music by vietnamese musicians and korean performers
- **Closing Address**: Boncheol Goo - Co-chair, eCulture Working Group, Asia Pacific Advanced Network (APAN)
- **Photo time**

ARTIST

- **(VIETNAM)**

Nguyen My Huong
Violin
huong17@gmail.com

Le Phan Nhu Quynh
Cello
quynhcello146@gmail.com

Nguyen Dinh Huong
Violin
soccali2004@gmail.com

● (KOREA)

Jinyong Jeong
Dance Group <Nom's>
representative Choreographer
Korean traditional dance
Modern dance
dansejjy@hanmail.net

Junseok Kang
Music Company <SOUL>
representative Performance planner
Korean traditional music instrument
Digital music
taakbeat@naver.com

● (INDIA) - *South India (Carnatic Music)*

Arun Sankar E M.
Carnatic Vocal
Ph.D. Student from Chemical
Engineering, IIT Madras
arunekat@gmail.com

Gautham Umashankar
Violinist in Indian Carnatic music
B.Tech. Student from Electrical
Engineering, IIT Madras
gauths99@gmail.com

Subramanian Lakshminarasimhan
Mridangam, Carnatic Percussion
(B.Tech. Student from Department of
Physics, IIT Madras.)
lnannu96@gmail.com

● (PAKISTAN)

Ameer Ali Khan *is one of the leading singers of Mareecha School of Music. He is grandson of legendary classical vocalist, Ustad Khair Muhammad Khan. He is a singer, composer and musicologist.*
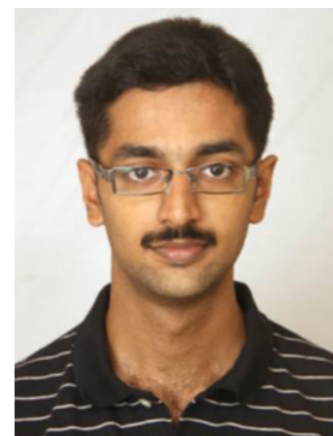

Sada Bahar *is a popular vocalist from Thar Desert region of Sindh Pakistan. She hails from a traditional musician's family.*

Deeba Kanwal *is senior vocalist and one of few female musicians, who can compose or create music compositions. She is from Southern coastal belt of Sindh Pakistan. She can sing at least 6 languages.*

● (INDIA) - *North India (Hindustani Music)*

Abhay Nayak
Hindustani Vocal
B.Tech. Student from Chemical
Engineering, IIT Madras
abhaynayak100@gmail.com

Chandan Bhatt
Flute
M.S (Research) Student from
Electrical Engineering, IIT Madras
ee16s079@smail.iitm.ac.in

Chaitanya Vijay
Tabla
Ph.D. Student from Aerospace
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ORGANIZATIONS

● (TEIN)
The Trans-Eurasia Information Network (TEIN) provides a large-scale research and education data-communications network for the Asia-Pacific region. It connects Asian researchers to each other and with their counterparts in Europe via direct links to the pan-European GÉANT network, providing the Asia-Pacific countries with a gateway for global research collaboration. Operating at speeds of up to 10 Gbps it currently connects twenty countries in the Asian and South Asia region.

The Trans-Eurasia Information Network (TEIN) initiative was launched at the Asia-Europe Summit (ASEM 3) in Seoul in 2000 to improve Euro-Asian research networking. The first result was the installation of a France-Korea connection (TEIN1) in 2001 which was upgraded several times in the following years to meet the increasing user demands. ASEM 6 in Helsinki in September 2006 marked the official inauguration of TEIN2, which extended the bilateral success of TEIN1 to the regional level by creating the first large-scale regional data-communications network for research and education across the Asia-Pacific region.

Another milestone was achieved at the end of 2009, when the network was extended to South Asia, thus bringing the Asian community further together. This achievement was celebrated at the ASEM Workshop Building an Inclusive Information Society' held 1-2 December in Kuala Lumpur.

The TEIN regional network has been managed since 2006 by GÉANT (formerly DANTE), a not-for-profit organisation that operates regional network projects across the globe. In September 2012, responsibility for the new phase, TEIN4 was transferred to the TEIN* Cooperation Center (TEIN*CC) which was established by the Korean government to continue to develop the network until the end of 2016. TEIN continues to receive funding support from the European Commission which is contributing - 8 million for TEIN4. TEIN4 builds up on the example of regional research & education networks in other regions of the world:
- GÉANT (Europe)
- RedCLARA (Latin America)
- EUMEDCONNECT (Mediterranean)
- C@ribNET (Caribbean)
- AfricaConnect2 / WACREN / UbuntuNet (Africa)
- CAREN (Central Asia)
- Internet2 / ESNET / CANARIE (North America)
- ASREN(Middle East)

Currently, TEIN*Cooperation Center is managing Asi@Connect project as the successor of TEIN4.

● (ASI@CONNECT PROJECT)
Asi@Connect provides a dedicated regional high capacity and high quality Internet network for research and education collaboration in the Asia region and leverage the e-infrastructure developed for public service projects. It connects Asian researchers to each other and with their counterparts in Europe via direct links to the pan-European GÉANT network. Operating at speeds of up to 10 Gbps it currently connects twenty countries/economies in the Asia region.

Asi@Connect is the successor of the TEIN project, which started in 2001 with direct link between Korea and France, and has developed as the leading Asian regional R&E network through its project phases (TEIN1, TEIN2, TEIN3 and TEIN4). Asi@Connect aims for fulfilling a number of Sustainable Development Goals(SDGs) through improved access to education and research resources. The project focus is on assistance to Least Developed Countries(LDCs) whilst also providing products and services applications to network users and promoting research collaboration in line with the SDGs.

● (NATIONAL AGENCY FOR SCIENCE AND TECHNOLOGY INFORMATION OF VIETNAM)
The National Agency for Science and Technology Information is a subordinate body under the Ministry of Science and Technology (MOST), with the function of advising and assisting the Minister in implementing state management and implementation of science and technology information, library and statistics activities.

● (VINAREN)
VinaREN (Vietnam Research and Education Network is a result of the project implementation named Trans-Eurasia Information Network, phase II in Vietnam (TEIN2 VN). The backbone of VinaREN connects 3 network operation centers (NOC) spread across all regions of the country. VinaREN currently has more than 75 members, including the research institutes, universities, major hospitals, the information and documentation centers in 63 provinces and cities over the country.

(JEJU National University South-korea)

Jeju National University is a public university founded in 1952 in Jeju City, the provincial capital of Jeju, South Korea.The subject of research in the College of Engineering (Computer Engineering) is design and development of hardware and software, principles for framing programs, effective ways for different information processing, theory on the characteristics and restrictions of computer, and the realization and application into related study or real life. The major research fields of the study are about computer structure, digital system analysis, the operating system, programming languages, software technology, database, design and analysis of algorism, information technologies, distributed system, artificial intelligence, computer graphics, computer network, and so on.

(NEXT Inc.)

The Next Inc. is a company for eCulture collaboration based on NREN from Year 2015, which promotes development of coordination between culture group and ICT experts for combining as Cyberperformance collaboration around the world. Our research interests are Performing Arts over High-speed Networks, Distance Learning, Digital Performance Planning, Intermedia Stage Directing, Sound Design and Sound-based Interaction Design. The company's goal is to build up a tech-culture fusion platform for blue ocean exploration.

(ERNET India)

ERNET India is the National Research and Education Network dedicated to support the needs of the research and education community in India. It was established in 1998 as an autonomous scientific society under the Ministry of Electronics & Information Technology (MeitY), Government of India. It operates ERNET network - a pan-Indian terrestrial and satellite network with points of presence at premier research and academic institutions. ERNET also undertakes R&D projects in the domains of Networking including emerging areas such as Internet of Things.

(PERN)

Pakistan Education & Research Network is the only research and education network of Pakistan which was launched in 2002. The purpose of this national research and education network is to provide communication infrastructure to the universities, institutions of higher learning and research organizations to meet their networking and internet requirements. The network has evolved significantly and is providing valuable services, like high-speed internet, audio/video conferencing, and access to digital library resources.

(NATIONAL KNOWLEDGE NETWORK)

The National Knowledge Network (NKN) is a state-of-the-art multi-gigabit pan-India network for providing a unified high speed network backbone for all knowledge related institutions in the country. NKN provides a platform to bring together all stakeholders - scientists, researchers and students from different backgrounds and diverse geographies to work closely for faster development in critical and emerging areas through development of a structured knowledge sharing framework.

The motive behind National Knowledge Network (NKN) project is to interconnect education facilities, R&D institutions, health service facilities, agriculture and life skills research and extension institutions and Libraries in the country with an access speed in a tune of 100 Mbps/1 Gbps/10 Gbps.

NKN has evolved as the National Education Research Network (NREN) of India. The project has already made significant progress by connecting over 1644+ institutes in the network.

The NKN is the largest network of its kind and now globally recognized research and education network (REN). After strengthening its national footprint, NKN focuses on improving international connectivity, providing Indian researchers and student with access to the global research and education community.

- International Collaboration with International RENS such as: TEIN5, Vancis, Singaren, GEANT, Surfnet and NORDUnet, Internet2
- International PoPs at Singapore, Amsterdam and Geneva. Moreover, NKN PoP at New York is being established
- NKN Extension to SAARC countries: At the 18th SAARC summit, the Hon'ble Prime Minister of India, Shri Narendra Modi had shared his vision of extending NKN to all members of the SAARC. The setup of a South Asian University (SAU) at Delhi that would connect with at least one university in every SAARC nation under NKN is a step forward in this regard

Further, the NKN is in process of upgrading to 100Gbps or more to improve the backbone for seamless and uninterrupted services to the users.

● (CENTRE OF EXCELLENCE IN ART AND DESIGN, MEHRAN UNIVERITY, JAMSHORO)

The Centre of Excellence in arts and Design, Mehran University of Engineering and Technology, Jamshoro is an institute of higher education in the public sector of Pakistancatering for the needs of visual and performing art aspirantsestablished in early 90s. We have yearly intake of about 146 students on regular as well as Self Finance basis. Which include yearly09 seats reserved for candidates from foreign countries. The Centre is situated in Jamshoro at about 150 km North of Karachi on Motor Way M-9 and at the juncture of Indus Highway and the M-9offering easy communication and transportation links.

The Centre has established three faculties i.e. Fine Arts, Design and Architecture which includes an established department of Textile Design. Thisdepartmentis equipped with CAD Lab, studios for dying, printing, block printing and weaving. We are also in the process of establishing a state of art CAD lab with digital fabric printers.

The Centre is connected through Pakistan Education and Research Network (PERN) to the global community along with access to the global digital resources through the project Digital Library. We have fully functional backbone for high speed multimedia access to the global community.

The Centre has a well-established regulatory set up of academics. Theacademic committee of the Centre is linked with the Board of Faculty, Academic council, and Advanced Studies and Research Board of the Mehran University of Engineering and Technology, Jamshoro. The Board of Governors is the supreme body of the Centre for regulating academics, finances and the overall administration of the Centre.

The Centre of Excellence in Arts and Design has many common facilities available on campus to share with the students and staff such as Library, Administration Block, CAD lab, studios for weaving, block printing, screen printing, dying etc.

● (INDIAN INSTITUTE OF TECHNOLOGY MADRAS)

Indian Institute of Technology Madras is a public engineering institute located in Chennai, Tamil Nadu and is one of India's most prestigious universities. It is recognised as an Institute of National Importance by the Government of India. Founded in 1959 with technical and financial assistance from the former government of West Germany, it was the third Indian Institute of Technology that was established by the Government of India through an Act of Parliament, to provide education and research facilities in engineering and technology. IIT Madras is a residential institute that occupies a 2.5 km - campus that was formerly part of the adjoining Guindy National Park. The institute has nearly 550 faculty, 8,000 students and 1,250 administrative and supporting staff. Growing ever since it obtained its charter from the Indian Parliament in 1961, much of the campus is a protected forest, carved out of the Guindy National Park, home to large numbers of chital (spotted deer), black buck, monkeys, and other rare wildlife. A natural lake, deepened in 1988 and 2003, drains most of its rainwater.

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