

## Welcome Address

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Distinguished Delegates,

Ladies and Gentlemen:

As the Head of National Institute of Supercomputing and Networking, it gives me great pleasure to extend to you all a very warm welcome on behalf of KISTI and to say how grateful we are to the representatives of WLCG Tier Centers in Asia from China, India, Indonesia, Japan, Pakistan, Taiwan and Thailand, TEIN Cooperation Center, ESnet in United States and CERN who have accepted our invitation to convene this Asia Tier Center Forum, here at KISTI in Daejeon, the center of South Korea. Thank you for coming. That many of you travel long distances serves to remind us all just how important the subject to be discussed here is.

KISTI is a research institute dedicated to national science and technology information as well as supercomputing and networking. The mission of KISTI is to become a reliable partner of national R&D projects and to take the lead as a trustworthy national science and technology CIO institute of Korea. We have contributed to maximize research efficiency by building world class high performance computing infrastructure and research networks. Recently, building and operating data-intensive computing infrastructure is significantly requiring from the research groups who pioneer undisclosed region with large scale of instrumentation and this is an opportune time for us to enlarge our service area to fulfill the customer's requirements, the Tier-1 center of GSDC is the first result of our effort for this purpose.

As the Tier-1 center, the significance of cooperation with regional Tier centers is what we have learnt from Europe and US cases. Interoperability is the key for success not only of the Tier-1 center but also of the Tier-2

centers in the region. Naturally, network infrastructure interconnecting the Tier centers is the essential building block which determines the overall performance of the grid infrastructure. LHCONE project reflects by itself the importance of interconnectivity among Tier centers.

The Asia Tier Center Forum is designed in this regard to review the current status of domestic or international network infrastructures in Asian region and to discuss requirements and conditions for better environments in terms of interoperability among Asian Tier Centers.

Thanks to the presence of esteemed speakers, Edoardo Martelli from CERN, the section leader of Communication Engineering, William Johnston, the former ESnet Department Head and Michael O'Connor, the network engineer from ESnet, who have noble expertise on networking, in particular, LHCONE, the forum would provide us not only essential knowledge but also a great opportunity to share experiences on technical issues. And also the forum is attended by three honored guests representing TEIN Cooperation Center including Byung Kyu Kim, the Executive Officer of TEIN CC, Patch Lee, the Director of Technical Management Team, and Sanggyun Kim, the Principal Researcher, who will give the opportunity to Asian Tier Centers to transfer their demands effectively to the authorities as the users of TEIN network infrastructure and to have in-depth discussion for resolving any issues commonly encountered. We are also expecting a joint session with KREONET represented by Buseung Cho, the Director of Kreonet Service Team from Advanced KREONET Center at KISTI.

I would like to take this opportunity to express my sincere thanks to the organizers, Latchezar Betev, Sunkun Oh and Sang-Un Ahn for their dedication. Again, this forum could not have been made possible without the participation of the delegates from each Tier Center in Asia who agree the importance and the need of network consolidation.

Finally, this is an opportune time for me to declare the official opening of the Asia Tier Center Forum and I wish all 3 fruitful days of interesting and beneficial program and also that you have a pleasant stay in Daejeon.

I warmly welcome you again.