The First Circular
The 23rd International Conference on Accelerators and Beam Utilization (ICABU2019)

Dates: November 13 (Wed) – 15 (Fri), 2019
Venue: Hotel ICC, Daejeon, Korea
Homepage: http://indico.ibs.re.kr/e/icabu2019

Important Dates
Registration: September 30, 2019
Abstract Submission: September 30, 2019
Industrial Exhibitions Registration: September 30, 2019
Full Paper Submission: November 15, 2019

1. Brief Description
The 23rd International Conference on Accelerators and Beam Utilization (ICABU2019) will be held from November 13 to 15, 2019, at Hotel ICC in Daejeon, Korea. Traditionally, the conference covers new developments in accelerator technologies and utilizations of particle beams in a wide range of research fields, spanning from basic science to industrial applications. Keeping its spirit, the conference will shed light on various accelerator projects in the world and Korea, and beam instrumentation and utilization in emerging R&D fields through the plenary sessions and parallel sessions. The poster session welcomes sophisticated R&D results from accelerator developments and particle beam utilizations. In addition, a special session on medical equipment utilizing accelerator and beam will be formulated to discuss about diverse medical applications on Nov. 14.

2. Topics
- Accelerator operation and ongoing projects in the world and Korea
  Superconducting ion and electron accelerator, Synchrotron light source and XFEL, High power accelerator, Neutron source, Particle therapy facility, Industrial accelerator, etc.
  In Korea: RAON, KOMAC, PLS-II, PAL-XFEL
  In USA and Canada: FRIB/MSU, ATLAS/ANL, APS/ANL, TRIUMF
  In China: CEPC/IHEP
  In Europe: European XFEL/DESY, ISOLDE/CERN
• Accelerator Technologies
  Ion Sources, RF/SRF technologies, Conventional and SC magnets, Beam instrumentation and diagnostics, Beam dynamics, Radiation shielding & Safety, etc.
• Beam Utilizations
  Protons, Neutrons, Ions, and Photons in basic science, materials science, nano, bio-life, information, space, energy & environment, medical applications, industrial processing, etc.

3. Conference venue
The conference venue is the Hotel ICC, Daejeon, Korea.

4. Call for papers
The deadline for the abstract is September 30, 2019, and the full paper for proceedings is due by November 15, 2019.

5. Registration
All participants are kindly asked to make registration. Details of registration will be instructed in the 2nd circular. The registration fee is 70,000 KRW for student (about 70 USD) and 150,000 KRW for professional (about 150 USD), which includes banquet, coffee breaks, and conference booklet. The deadline of the registration is September 30, 2019. If you need an invitation letter for your visa application or for other purposes, please contact us. (icabu2019@ibs.re.kr)

6. Industrial Exhibition
The Industrial Exhibition is formulated to provide industries a valuable opportunity to show their products and to have a direct interaction with the community of accelerators and beam utilization. Industrial Exhibition booth registration is due by September 30, 2019. The allocation of the booths will be made on a "first come - first served" basis.

7. Organizing Committee
  Myeun Kwon (RISP/IBS, Chair)  In Soo Ko (PAL)
  Jun Sig Lee (KOMAC/KAERI)  Se Byeong Lee (NCC)
  Do Young Noh (GIST)  Seung Jeong Noh (Dankook Univ.)
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8. Scientific Program Committee
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Hyun Hwi Lee (PAL)          Jong-Ki Kim (Daegu Catholic Univ.)
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Hyeok Jung Kwon (KOMAC/KAERI) Dong Ho Moon (Chonnam Nat’l Univ.)
Jun Kue Park (KOMAC/KAERI)  Young Kyung Lim (NCC)
Young Ouk Lee (KAERI)

9. Local Organizing Committee
   Jeehyun Cho (RISP/IBS)      Sukhyun Jin (PAL)
   Beomssoo Joo (RISP/IBS)    Kyeong-Jun Mun (KOMAC/KAERI)
   Jiwon Sung (RISP/IBS)      Minyoung Kim (KOMAC/KAERI)
   Dongjin Kim (PAL)

10. Further Information
    For any inquiries, please contact the conference secretary Ms. Jeehyun Cho
        (icabu2019@ibs.re.kr).