

“Geant4/Geant4-DNA International Tutorial and User Workshop” will be held in Ulaanbaatar, Mongolia on July 3-5, 2019.

The international tutorial will take place on July 3-5 2019 at National University of Mongolia and will be dedicated to students, medical physicists and young researchers working at Universities or Research Institutes. The official tutorial consists of a series of lectures and demonstrations of hands-on exercises. Lecturers of the Geant4 and Geant4-DNA collaboration will cover all the application domains including high energy and nuclear physics, astrophysics and space engineering, medical applications. A special topic on the application of Geant4-DNA in medical physics and radiobiology will be also presented.

The tutorial should be of interest both to complete novices and to those who already have some basic familiarity with Geant4, in particular participants from Asian and neighboring countries. Participants are expected to have a reasonable knowledge of C++ and Linux OS.

Lecturers

Dr. M. Asai (SLAC National Accelerator Laboratory, USA)
Dr. S. Incerti (CENBG/IN2P3/CNRS, France)
Dr. K. Murakami (High Energy Accelerator Research Organization, Japan)
Dr. S. Guatelli (University of Wollongong, Australia)

Local Organizers

Prof. O. Lkhagva (NUM, Mongolia)
Dr. B. Ochirkhuyag (NUM, Mongolia)

The international workshop will take place on July 5 at the same location. Participants will have the opportunity to present their current research work in English. We encourage researchers and students from scientific centers of neighboring countries to join this workshop. Covered Geant4 topics include and are not limited to:

- nuclear and particle physics
- interface physics-biology-medicine, including Geant4-DNA
- medical applications

Talks will be 20 minutes long (+5 minutes for questions).

Organizers:

Ministry of Education, Culture, Science and Sports, Mongolia
School of Arts and Sciences, National University of Mongolia, Ulaanbaatar
Geant4/Geant4-DNA collaboration
Laboratory of Radiation Biology, Joint Institute for Nuclear Research, Dubna
Institute of Physics and Technology, Mongolian Academy of Sciences, Ulaanbaatar

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Registration fee: 150 USD

Registration deadline: June 1st, 2019

Abstract submission deadline: June 1st, 2019