Third Taiwan Winter Camp on Numerical Simulation in High Energy Physics (NumS-HEP 2013)

 $January~21\sim~27,~2013\\National~Chiao~Tung~University$

In order to develop young researchers in Taiwan basic experience about computational programming for theoretical physics e.g., model building as well as for experimental data analysis in different areas of high energy and (astro)particle physics, since 2011 the LHC Physics Focus Group, National Center for Theoretical Sciences (NCTS) organizes this winter camp on "numerical simulation in high energy physics" at the National Chiao Tung University. This year the lectures include: event generation, detector simulation, background discrimination and Bayesian analysis. The lecture level is for PhD students, but postdocs and master students are also welcome. A basic programming ability in at least one of the Fortran/C/C++/Pythonlanguages is required; however, participants with knowledge about Maple/Mathematica/Matlab are also encouraged.



http://www.phys.nthu.edu.tw/~numscc/nums-hep2013/

Registration

Registration is open until January 13th (Sunday), 2013.

Lectures

- Event generation: Tsung-Che Liu (NTU)
- Detector simulation: Yuan Chao (NTU)
- Background discrimination: Ching-Cheng Hsu (U. of Bern)
- Bayesian analysis: Chung-Lin Shan

Organization Committee

- Johan Alwall (NTU)
- Yuan Chao (NTU)
- Chuan-Hung Chen (NCKU)
- Kai-Feng Chen (NTU)
- Kingman Cheung (NTHU/Konkuk)
- Cheng-Wei Chiang (NCU)

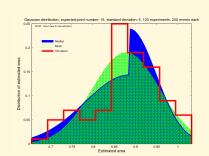
Contact

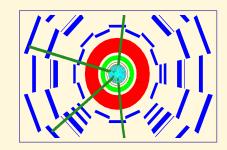
Ms. Li-Chun Chen (NCTU) Tel: +886-3-513 1212 Fax: +886-3-572 0728

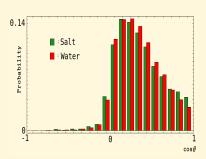
E-mail: lcchen@mail.nctu.edu.tw

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- Information Technology Service Center, National Chiao Tung University







• Ming-Huey Huang (NUU)

• Guey-Lin Lin (NCTU, chair)

- Tsung-Che Liu (NTU)
- Chung-Lin Shan
- Kwei-Chou Yang (CYCU)
- Tzu-Chiang Yuan (AS)