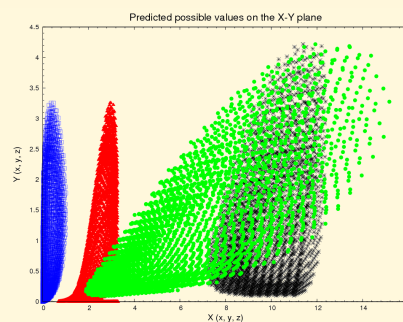
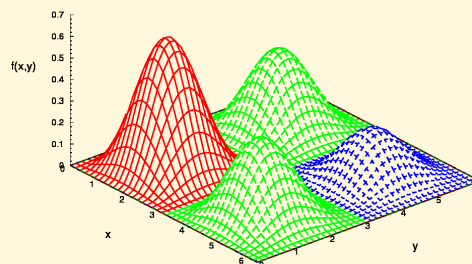


First Taiwan Winter Camp on Numerical Simulation in High Energy Physics (NumS-HEP 2011)

*January 17 ~ 22, 2011
National Center for Theoretical Sciences*

In order to develop young researchers 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, the LHC Physics Focus Group, National Center for Theoretical Sciences organizes this winter camp on “numerical simulation in high energy physics” at the **National Chiao Tung University**. The four lectures given in this camp include: **Monte-Carlo methods**, **collider event generation**, **cascading shower processes** and **parameter space scanning**. The lecture level is for PhD students, but postdocs and master students are also welcome. A basic ability of programming in at least one of the Fortran/C/C++ languages is required; however, participants with knowledge about Mathematica/Maple/Matlab are also encouraged.



Homepage

<http://www.phys.nthu.edu.tw/~numsc/num-s-hep2011/>

Registration

Online registration is open until **January 9th (Sunday), 2011**.

Lectures

- Monte-Carlo methods/parameter space scanning: Chung-Lin Shan (NCKU)
- Collider event generation: Johan Alwall (Fermilab)
- Cascading shower processes: Tsung-Che Liu (NTU LeCosPA)

Organization Committee

- | | |
|--------------------------------|-------------------------|
| • Johan Alwall (Fermilab) | • Guey-Lin Lin (NCTU) |
| • Kingman Cheung (NTHU/Konkuk) | • Chung-Lin Shan (NCKU) |
| • George Wei-Su Hou (NTU) | • Tzu-Chiang Yuan (AS) |
| • Ling-Fong Li (NCTS, chair) | |

Contact

Ms. Mei-Rue Shi (NCTS)
Tel: (03)573 1265
Fax: (03)573 5086
E-mail: mrshi@phys.cts.nthu.edu.tw

Ms. Li-Chun Chen (NCTU)
Tel: (03)513 1212
Fax: (03)572 0728
E-mail: lcchen@mail.nctu.edu.tw

Sponsors

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