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Status Report for the International Neutrino Summer School 2015

Deborah Harris

NuFact 2015 SPC Meeting

14 August 2015

School Organization

- Local Organizing Committee:
 - Ricardo Gomes (IF-UFG, Goiás)
 - Ernesto Kemp (IFGW-UNICAMP, São Paulo)
 - Hélio da Motta (CBPF, Rio de Janeiro)
 - Hiroshi Nunokawa (PUC, Rio de Janeiro)
 - Orlando Peres (IFGW-UNICAMP, São Paulo)
 - **Rogério Rosenfeld ** (IFT-UNESP/ ICTP-SAIFR, São Paulo)**
- International Advisory Committee
 - João dos Anjos (CBPF)
 - Marcela Carena (U. of Chicago)
 - Carlos Escobar (Fermilab)
 - **Deborah Harris** (Fermilab)**
 - Boris Kayser (Fermilab)
 - Kevin McFarland (U. of Rochester)
 - Jorge Morfin (Fermilab)
 - Paul Soler (University of Glasgow)
 - Jim Strait (Fermilab)
 - Wei Wang (Sun Yat-sen University, China)
 - Renata Zukanovich Funchal (University of São Paulo)
 - Jean Tran Thanh Van (ICISE, Vietnam)

School Schedule

- August 17-28
- 3 lectures per day, 1.25 hours per lecture
- Tutorial schedule: 2.5 hours on 6 days
- 1.5 free days in the middle

- Public Lecture (in Portuguese): **Marcelo Guzzo** (1)
- Department Colloquia (1 each Wednesday): AdG, DH
- Panel Discussion planned for second week

School Lectures

- Standard Model and Neutrino Mass Models: **André de Gouvea** (5)
- Neutrino Phenomenology: **Boris Kayser** (4)
- Cosmology and Astrophysics: **Pedro Holanda** (3)
- Accelerator Neutrinos: **Kendall Mahn** (3)
- Neutrino Cross Sections: **Kevin McFarland** (3)
- Direct Mass Measurements: **Susanne Mertens** (3)
- Neutrino Detection: **Kate Scholberg** (4)
- Solar, Reactor & Atmospheric: **Yifang Wang** (4)

Student Support

- No registration fee
 - Local students can attend for free
- ICTP gave substantial support
 - Student housing
 - Per diem, or travel
 - Or all costs
 - Weighted towards supporting students from Latin American participants
- 57 confirmed attendees as of now
- Larger fraction of theorist students this time than previous years

Student Demographics

- This is rough estimate for now, “institution country” rather than “country of origin of student”

total	57
Brazil	28
USA+Canada	7
Mexico	2
Europe	9
United Kingdom	6
Chile	2
Colombia	3

Estimate 8/57 women
(lower than usual)

Interference with SLAC Summer Institute 2015

- SSI is a program that runs every summer at SLC
- Different subject each year, started in 1973
- Previous neutrino SSI's: 2010, 2000
- Dates: August 10-21
- This year's student body: ~130, 1/3 theorists

- There are certainly some (mostly US) students who would have attended INSS 2015 if SSI were not going to be on neutrinos
- Cost of the two schools similar for US students not in CA
- Some felt like “since this year SSI was on neutrinos, we should send our students to that school instead”