10th International Neutrino Summer School Aug 7 - 18, 2017

https://indico.fnal.gov/event/INSS2017

For the past nine years, the International Neutrino Summer School has convened at locations around the world to provide training for the next generation of neutrino physicists in both theory and experiment. The school brings together graduate students and post docs, along with some of the best teachers and researchers in neutrino physics, to create an intense, two-week long learning experience in an open and interactive environment that covers the full range of modern neutrino physics.

Local Organizers
Jonathan Paley
Jen Raaf
Anne Schukraft (chair)
Erica Snider

International Advisory Committee
Steve Manly (University of Rochester, USA)
Manfred Lindner (Max Planck Inst. for Nuclear Physics, Heidelberg, Germany)
Seon-Hee Seo (Seoul National University, Seoul, Korea)
Caren Hagner (Hamburg University, Hamburg, Germany)
Ricardo Gomes (Federal University of Goias, Brazil)
Jun Cao (Institute of High Energy Physics, China)
Subir Sarkar (Oxford University, UK)
Masayuki Nakahata (Kavli IPMU, University of Tokyo, ICRR, Japan)

Fermilab
U.S. DEPARTMENT OF ENERGY | Office of Science

- Lectures on various topics during the mornings
- Tutorial time in the afternoon to work on group projects with presentations at the end of the two weeks
- Tours of Fermilab experiments
- Poster session
- Evening social events

Program

Measuring neutrino cross sections	Sara Bolognesi *IRFU, CEA Saclay* *France*
Neutrinoless double beta decay	Michelle Dolinski *Drexel University* *US*
Direct neutrino mass measurements	Michelle Dolinkski *Drexel University* *US*
Contraints on neutrino parameters from colliders	Tao Han *University of Pittsburgh* *US*
Exotic phenomena and neutrinos from supernovae	Irene Tamborra *University of Copenhagen* *Denmark*
Statistical methods in neutrino physics	Alex Himmel *Fermilab* *US*
Neutrino theory	Pilar Coloma *Fermilab* *US*
Neutrino detection techniques and technologies	Mark Messier *Indiana University* *US*
The physics of solar and atmospheric neutrinos	Masayuki Nakahata *University of Tokyo* *Japan*
The physics of neutrinos from reactors	Soo-Bong Kim *Seoul National University* *Korea*
The physics of neutrinos from accelerator beams	Ryan B. Patterson *California Institute of Technology* *US*
Neutrino beams and flux determination	Sara Bolognesi *IRFU, CEA Saclay* *France*

Website & Registration

More information:
https://indico.fnal.gov/event/INSS2017

Registration deadline is June 9th, 2017.

Note: the registration requires a letter from your advisor to be emailed to us.

Participation is limited to 100 attendees.