

# **2nd Jennifer Summer School on Particle Physics and Detectors**

**Japan and Europe Network for Neutrino and Intensity Frontier  
Experimental Research**

**Jul 30 — Aug 3, 2018 — Trieste**

**ICTP, Leonardo Building, Euler Lecture Hall**

- Flavor and neutrino physics phenomenology
- Experimental techniques for flavor and neutrino physics
- Statistics for data analysis
- Advanced detector technologies



# Program

## ICTP –Leonardo Building, Euler Lecture hall

	Mon Jul 30	Tue Jul 31	Wed Aug 1	Thu Aug 2	Fri Aug 3
8h30-10am	Statistics for HEP (G. Cowan)	Open questions in fundamental physics (F. Sala)	Experimental neutrino physics (T. Wongijrad)	QFT and flavor phenomenology (Y. Grossman)	QFT and flavor phenomenology (Y. Grossman)
10-10h30am	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break
10.30-noon	Experimental neutrino physics (T. Wongijrad)	Experimental neutrino physics (T. Wongijrad)	QFT and flavor phenomenology (Y. Grossman)	Exp. quark-flavor physics (K. Trabelsi)	Exp. quark-flavor physics (K. Trabelsi)
noon-1pm	Lunch	Lunch	Lunch	Lunch	Lunch
1pm-2.30pm	Statistics for HEP (G. Cowan)	Exp. quark-flavor physics (K. Trabelsi)	Excursion	Diamond-sensors (Bosisio/Lanceri)	
2h30-3pm	Coffee break	Coffee break	Excursion	Coffee break	
3-4.30pm	Open questions in fundamental physics (F. Sala)	QFT and flavor phenomenology (Y. Grossman)	Excursion	Diamond-sensor demo (Bosisio/Lanceri)	
	Dinner	Reception	Social dinner	Dinner	

# List of participants

**Yuliia Balkova** (Kharkiv National University)  
**João Barata** (Imperial College, London)  
**Mateo Maximiliano Blanco Rodriguez** (U. of Santiago de C.)  
**Luciano Bosisio** (University and INFN, Trieste)  
**Simone Capelli** (University of Milano-Bicocca)  
**Ramana Carthigesan** (Imperial College, London)  
**Maxence Corman** (University of Glasgow)  
**Glen Cowan** (Royal Holloway University, London)  
**Julia-Suzana Dancu** (University of Birmingham)  
**Josipa Diklić** (University of Zagreb)  
**Emre Eraslan** (Middle East Technical University, Ankara)  
**Kristian Farkas** (Charles University, Prague)  
**Alessandro Fendillo** (University of Milano-Bicocca)  
**Giulia Frau** (University of Cagliari)  
**Eldar Ganiev** (University and INFN, Trieste)  
**Rokas Garbakauskas** (Vilnius University)  
**Yuval Grossman** (Cornell University, Ithaca NY)  
**Kamiel Janssens** (University of Antwerp)  
**Mateusz Kaleta** (University of Science and Technology, Krakow)  
**Wenqi Ke** (Ecole Normale Supérieure, Paris)

**Zeynep Kiliç** (Middle East Technical University, Ankara)  
**Christina Klauda** (Karlsruhe Institute of Technology)  
**Orçun Kolay** (Istanbul Technical University)  
**Livio Lanceri** (University and INFN, Trieste)  
**Riccardo Manfredi** (University of Trieste)  
**Lucas Martel** (University of Strasbourg)  
**Miryam Martinez Vara** (University of Cordoba)  
**Ainoa Pascual Cao** (Univ. of Santiago de Compostela)  
**Jiatianfu Qu** (Imperial College, London)  
**Ava Rajh** (University of Ljubljana)  
**Ariadna Ribes Metidieri** (University of Barcelona)  
**Ignacio Ruiz Garcia** (University of Cantabria, Santander)  
**Filippo Sala** (DESY)  
**Guillem Simeon Miquel** (University of Barcelona)  
**Manuel Sommerhalder** (University of Zurich)  
**Diego Tonelli** (INFN Trieste)  
**Karim Trabelsi** (KEK)  
**Lea Uhliarová** (Charles University, Prague)  
**Taritree Wongjirad** (Tufts University, Medford MA)  
**Ena Zunic-Cejvanovic** (University of Sarajevo)