Trans-European School of High Energy Physics

Poltava, Ukraine

July 13-20, 2018

Experimental Particle Physics Standard Model & Beyond Instrumentation Accelerators Cosmology Statistics Topical Seminars

Trans-European School of High Energy Physics

Welcome to

Deadline for applications: May 15, 2018

🔎 Irfu



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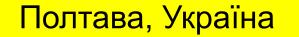
UNIVERSITÉ DE GENÈVE



Contact: teschool18@lal.in2p3.fr

Practical Sessions

Students' Conference





The TES-HEP school brings together European (and beyond) students with the basic aim of teaching them various aspects of high-energy physics, mainly focusing on experimental particle physics

...with the aim of reinforcing and encouraging the East-West Europe (and beyond...) scientific and pedagogical links.

La «Trans-European School of High Energy Physics » fête ses 10 ans



+ 2017: Ljubljana, Slovenia





July 13-20, 2018

LECTURES

PRACTICAL **SESSIONS**

Professors					
Beyond Standard Model	Sébastien Descotes- Genon	1 hour			
Cosmology	Pierre Astier	2 hours			
Instrumentation	Sergey Barsuk//Maxim Titov	4 hours			
Standard Model	Sébastien Descotes- Genon	5 hours			
Statistics	Jonas Rademacker	2 hours			
Understanding the nucleon structure: basic formalism, modern tools and open questions	Egle Tomasi	2 hours			
Торіс	P	Professor			
TD Toys + stat	J	Jonas Rademacker			
GEANT4	L	Leonid Burmistrov			
Data mining	S	Slava Sharyy			
Practical work on instrumentation	Andrii Nagai				



TOPICAL WORKSHOPS

	Topics	Professors	
1	Neutral current workshop	Achille Stocchi	3 hours
2	CPV workshop	Stéphane Monteil	3 hours
3	Discovery of an accelerated Universe	Pierre Astier	3 hours
4	Higgs + SUSY	Maxim Titov	3 hours

Seminars					
Schaefer Christoph	1 hour	Seminar 1			
Margaryta Alyokhina	1/2 hour	Seminar 2			
Maksym Teklishyn	1/2 hour	Seminar 3			
Igor Kirillin	1/2 hour	Seminar 4			
Sergii Trofimenko	1/2 hour	Seminar 5			

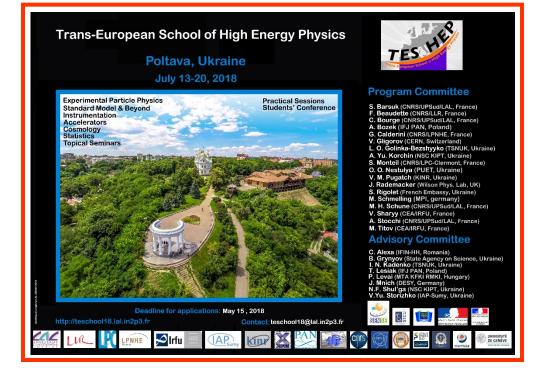
SEMINARS



July 13-20, 2018

THE PROGRAM

	Friday July 13th	Saturday July 14th	8unday July 16th	Monday July 18th	Tuesday July 17th	Wednesday July 18th	Thursday July 18th	Friday July 20th
09:00-10:00	Introduction	SM & Beyond	SM & Beyond	Topical Workshop 1		Topical Workshop 2	Topical Workshop 3	Topical Workshop 4
10:00-11:00	SM & Beyond	SM & Beyond	SM & Beyond	Topical Workshop 1		Topical Workshop 2	Topical Workshop 3	Topical Workshop 4
11:00-11:30	Break	Break	Break	Break		Break	Break	Break
11:30-12:30	SM & Beyond	Data mining	Statistics	Topical Workshop 1		Topical Workshop 2	Topical Workshop 3	Topical Workshop 4
12:30-13:30	Instrumentation	Instrumentation	Instrumentation	Instrumentation		Seminar 1	Seminars 283	Seminars 48.5
13:30-16:00	Lunch	Lunch	Lunch	Lunch		Lunch	Lunch	Lunch
16:00-18:00	Nucleon structure	Cosmology	Statistics	Praofical		Praofical		
				sessions Statistics /		sessions Data mining /	Students	Students
18:00-17:00	Nucleon structure	Cosmology	Physics battle setup	Geant 4		Intrumentation		
17:00-17:30	Break	Break	Break	Break		Break	Break	Break
17:30-18:30				Praotical		Praofical		
	Students work with professors	Students work with professors	8tudents work with professors	sessions Statistics /	Football	sessions Data mining /	Students conference	
18:30-19:30				Geant 4		Intrumentation		Summary
19:30-20:30	Dinner	Dinner	Dinner	Dinner	Sohool Dinner	Dinner	Dinner	Dinner
20:30-22:30				Physics battle session				



Please look at the list of professor/students groups

And the lists of groups for practical sessions

Proceedings 2 pages for the student presentation

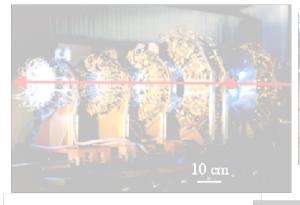
Deadline 15th November

Practical things

Please check the announcement board(s) and ... ask Catherine !

Please do not use your laptop during the lectures

Welcome drink this evening



Prizes

