23<sup>rd</sup> ICTP Summer School on Particle Physics 2023











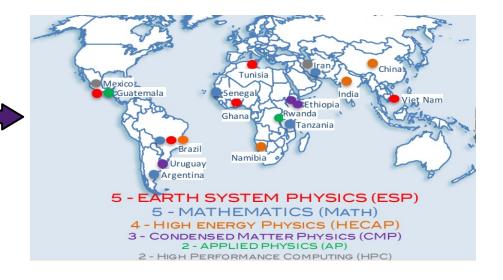


#### Per Year:

- ~60 training activities on campus
- ~20 in developing countries

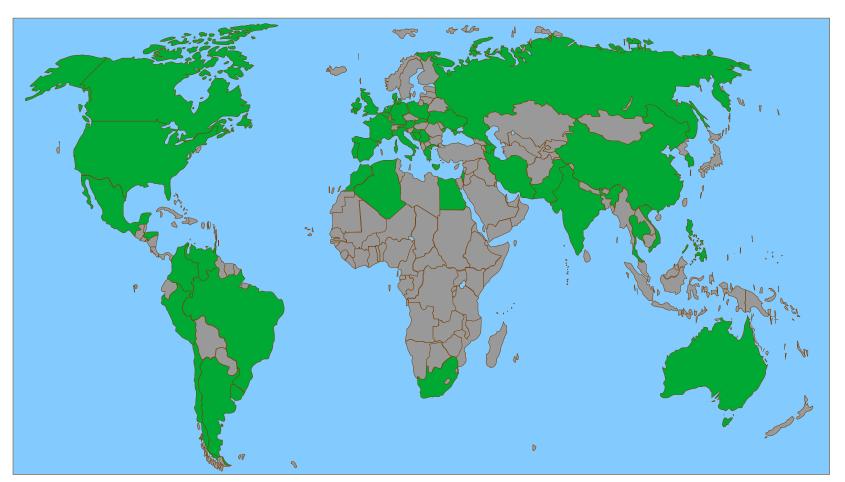


~200 pre-PhD students



# ICTP Summer School in Particle Physics 2023

~ 180 students from ~ 50 different countries



## ICTP Summer School in Particle Physics 2023

#### ~ 180 students from ~ 50 different countries

#### Lecturers and topics:

C. CHEUNG (Caltech)

Amplitudes and EFT techniques

T. COHEN (CERN, EPFL, and Oregon U.)

Standard Model

L. COVI, (Göttingen U.)

Dark Matter

R. K. ELLIS (Durham U.)

**OCD** at Colliders

J. MARCH-RUSSELL (Oxford U.)

Physics of Dark Sectors

M. SIMONOVIC (CERN)

Cosmology

R. SUNDRUM (Maryland U.)

Beyond the Standard Model

#### **Organizers:**

Joan Elias-Miró (ICTP)

Peter W. Graham (Stanford U.)

Riccardo Rattazzi (EPFL)

Giovanni Villadoro (ICTP)

#### **Secretary:**

Monica Ancuta

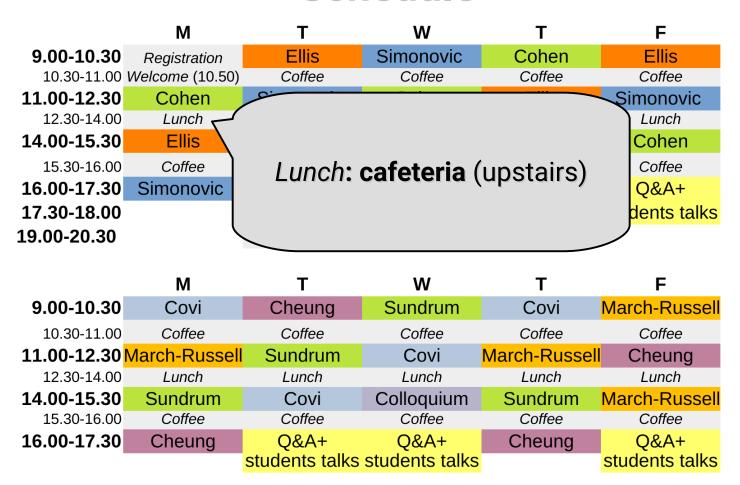
Viktoriya Lvova

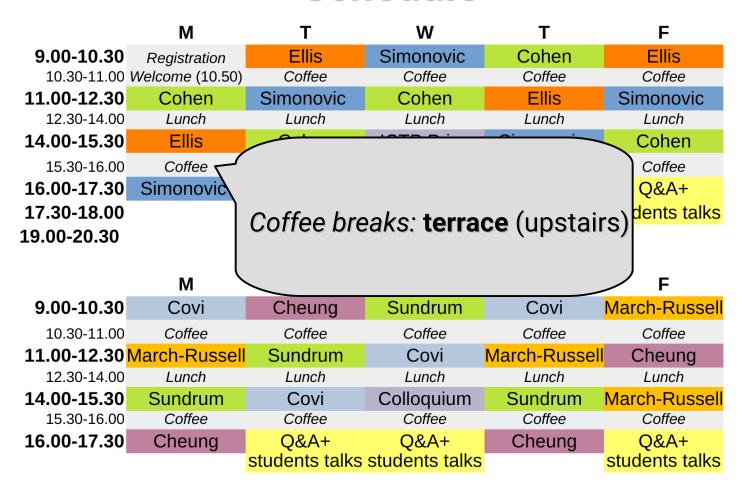
**Adriana Pinto** 

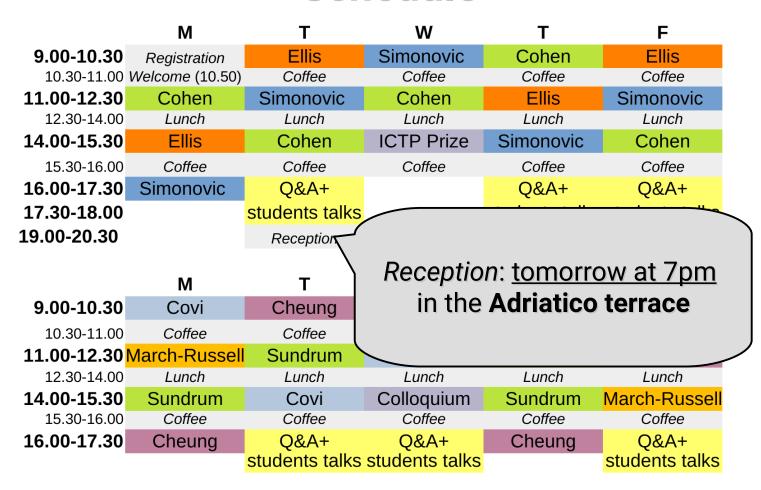
smr3848@ictp.it

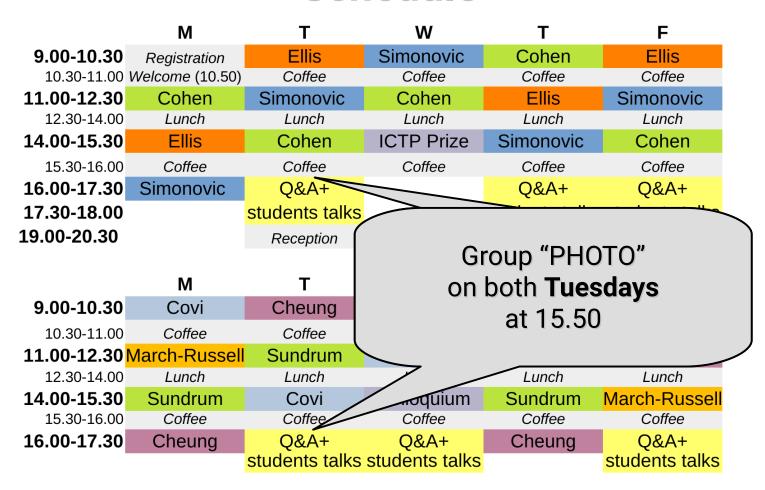
	М	Т	W	Т	F
9.00-10.30	Registration	Ellis	Simonovic	Cohen	Ellis
10.30-11.00	Welcome (10.50)	Coffee	Coffee	Coffee	Coffee
11.00-12.30	Cohen	Simonovic	Cohen	Ellis	Simonovic
12.30-14.00	Lunch	Lunch	Lunch	Lunch	Lunch
14.00-15.30	Ellis	Cohen	ICTP Prize	Simonovic	Cohen
15.30-16.00	Coffee	Coffee	Coffee	Coffee	Coffee
16.00-17.30	Simonovic	Q&A+		Q&A+	Q&A+
17.30-18.00		students talks		students talks	students talks
19.00-20.30		Reception			

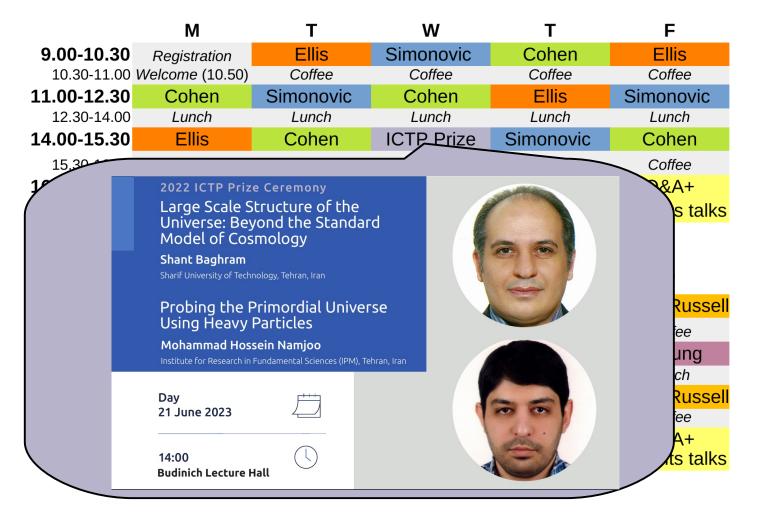
	M	Т	W	Т	F
9.00-10.30	Covi	Cheung	Sundrum	Covi	March-Russell
10.30-11.00	Coffee	Coffee	Coffee	Coffee	Coffee
11.00-12.30	March-Russell	Sundrum	Covi	<b>March-Russell</b>	Cheung
12.30-14.00	Lunch	Lunch	Lunch	Lunch	Lunch
14.00-15.30	Sundrum	Covi	Colloquium	Sundrum	<b>March-Russell</b>
15.30-16.00	Coffee	Coffee	Coffee	Coffee	Coffee
16.00-17.30	Cheung	Q&A+	Q&A+	Cheung	Q&A+
students talks students talks					students talks

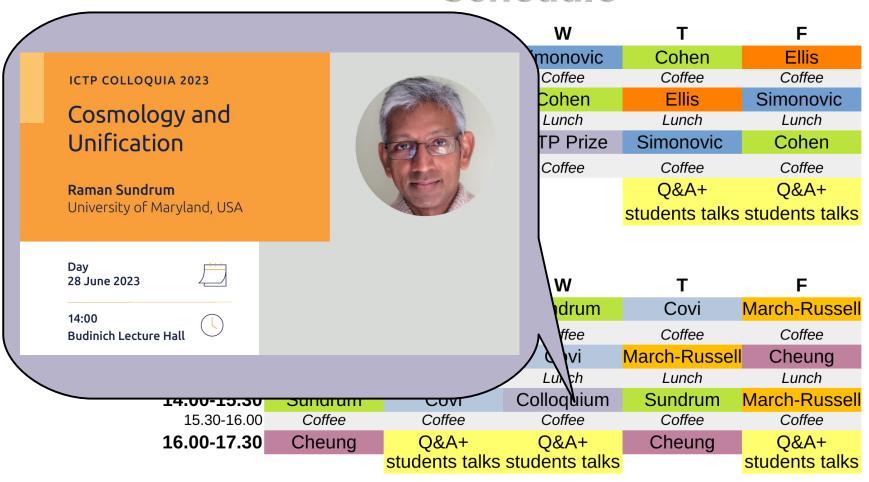


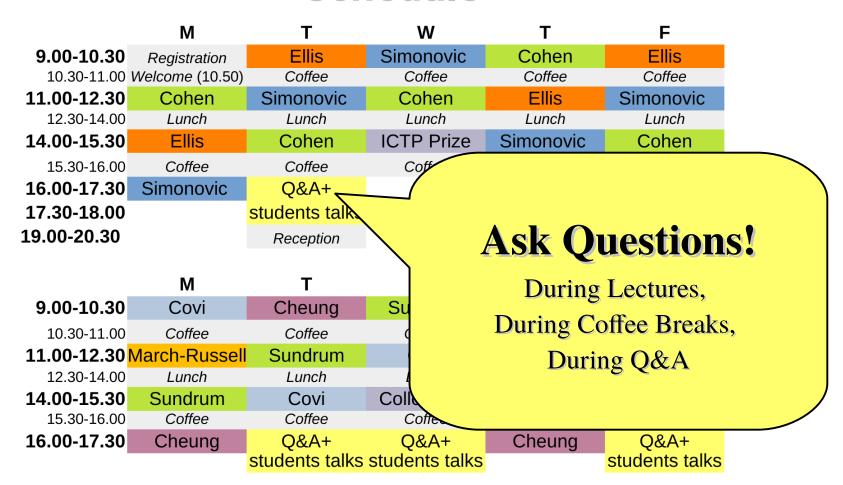


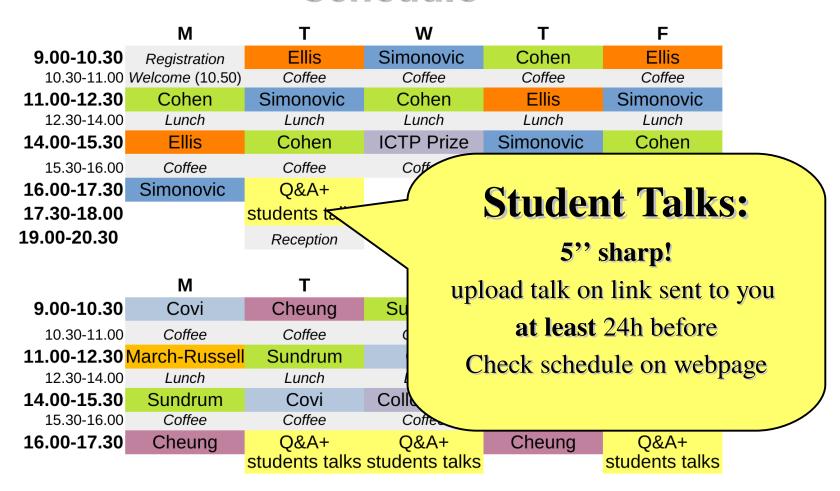












check website for updates:

https://indico.ictp.it/event/10182/overview

Enjoy!