

Concluding the school “The Transient Universe 2023” in Cargèse, 30/5 – 9/6/2023

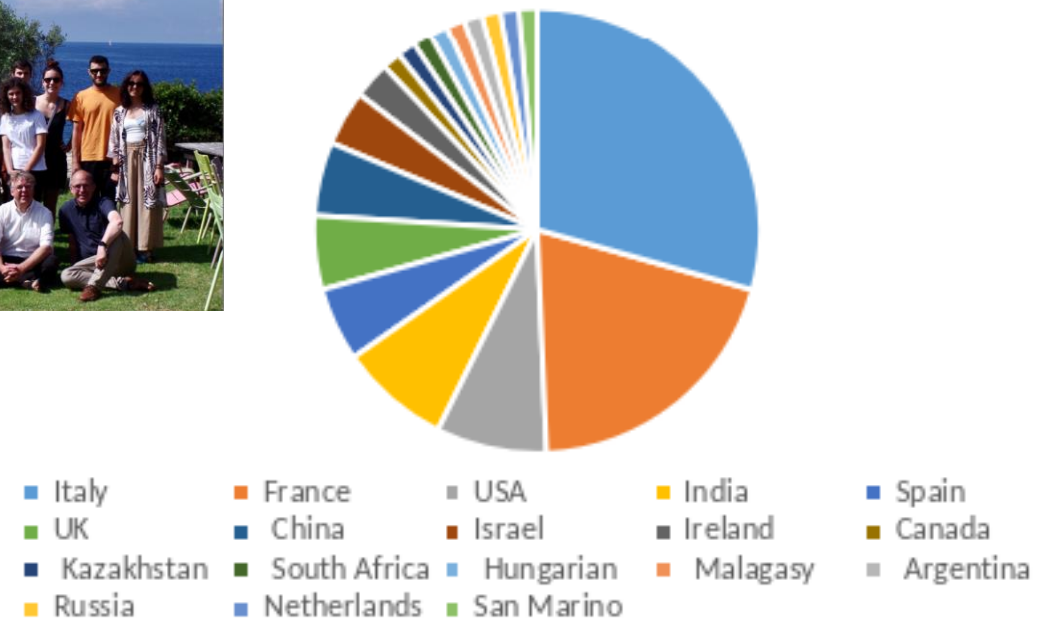


Participants

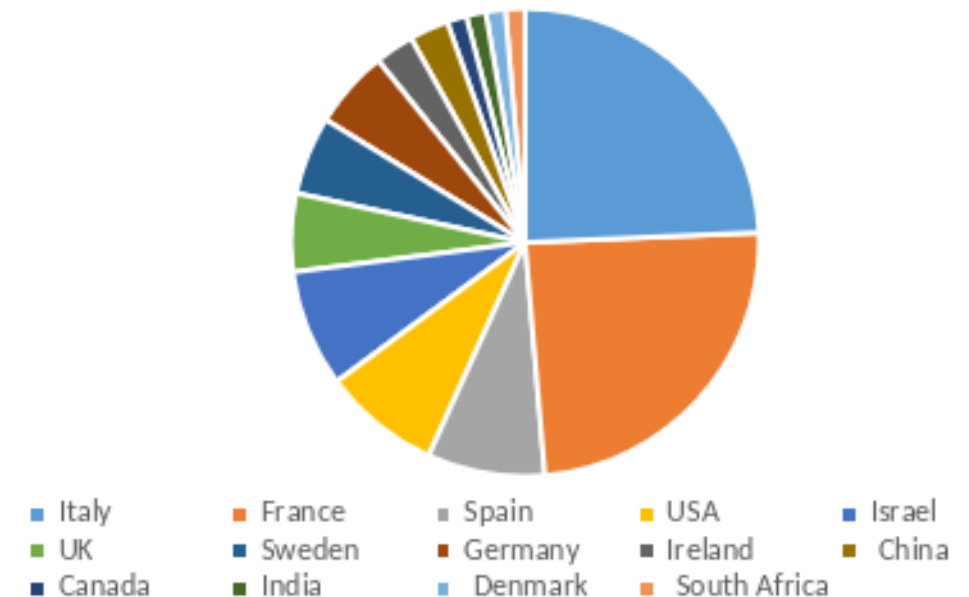


- 109 candidates
- 75 selected →
- 11 resigned shortly before
- 64 participants
- Gender balance
 - 37% among candidates
 - 42% at the end (27 female – 37 male)
- Participants very active and participative
- 46 student talks of 10 min (> 9 hours !)
- Bravo!

nationality



residence



Program

- Theory: Radiative processes, Particle acceleration mechanisms in astrophysics, Accretion
- Observational properties of high-energy non-thermal sources, from keV to TeV.
- Different classes of objects (stars, binaries, SNR, NS, GRBs, AGN).
- Gravitation and general relativity.
- Detection techniques: X-rays, gamma rays, Radio, IR/Opt/UV, gravitational waves
- Future challenges: next missions (focus on SVOM), open questions

Version 12											
	30-mai	31-mai	01-juin	02-juin	03-juin	04-juin	05-juin	06-juin	07-juin	08-juin	09-juin
8:00:00	students arrival and welcome	br.fast (45 min)				free time or excursion					
8:45:00		Rad processes (Renaud Belmont)	AGN (Andreas Zech<2)	Acceleration (Pierre Cristofari>2)	Gravitation (Irina Dvorkin>1)		GRBs (Frédéric Daigne>5)	SVOM : mission, onboard prompt ECL,GRM (Steph)	Accretion (Jörn Wilms>5)	X-ray high res (Jörn Wilms>5)	svom-BA demo, 1h (Damien)
10:15:00		coffee (30 min)									
10:45:00		AGN (Andreas Zech<2)	Rad processes (Renaud Belmont)	Gravitation (Irina Dvorkin>1,s)	Grav Waves (Marica Branchesi)		Radio SKA, Lofar (Rob Fender)	SVOM : ground follow-up (Susanna<6)	Neutrons stars (Sébastien Guillot<7)	X-ray Binaries (Victoria Grinberg)	Student talks 1h30 max
11:45:00											students group departure (11h45 latest the first bus leaves to catch the 14h10 plane)
12:15:00		break (15 min)									
12:30:00		lunch (1h)									
13:30:00		free (2h)	intervention Ecole Cargèse: 13h30-15h (S. Schanne)				free time or eucursion				
15:30:00		coffee (30 min)									
16:00:00		Open and FAIR science (Volker)	Neutrino, CR + instrum (L. Chevalier)	Acceleration (Pierre Cristofari>2)				GRBs (Frédéric Daigne>5)	SVOM : onbord follow-up MXT, VT (Diego)	X-ray Binaries (Victoria Grinberg)	LSST, Fink (Damien Turpin>6)
17:30:00		break (15 min)									
17:45:00		Student talks	Student talks	Software (Nicolas)				Student talks	Student talks	Student talks	Student talks
18:45:00		break (15 min)									
19:00:00		welcome cocktail							Conf gr.public (F. Daigne)		barbecue

Lecturers

- 17 lecturers (37 hours)
 - Among which 5 organizers
- Very high quality lectures
- Bravo and thanks a lot
To all our lecturers!



Lec	Belmont Renaud	Univ Paris Cité
Lec	Branchesi Marica	Grand Sasso Institute
Lec	Chevalier Laurent	CEA Paris-Saclay, IRFU DPhP
Lec	Cristofari Pierre	Obs Paris Meudon
Lec	Daigne Frédéric	Inst Astro Paris
Lec	Dvorkin Irina	Obs Paris Meudon
Lec	Fender Rob	Univ Oxford
Lec	Grinberg Victoria	ESA
Lec	Guillot Sebastien	IRAP Toulouse
Lec	Turpin Damien	CEA Paris-Saclay, IRFU DAp
Lec	Wilms Jörn	Univ Nürnberg, Sternwarte Bamberg
Lec	Zech Andreas	Obs Paris Meudon

Org/Lec	Beckmann Volker	CNRS IN2P3+Fr Ministry of research
Org/Lec	Dagoneau Nicolas	CEA Paris-Saclay, IRFU DEDIP
Org/Lec	Diego Götz	CEA Paris-Saclay, IRFU DAp
Org/Lec	Vergani Susanna	Obs Paris Meudon
Org	Jérôme Rodriguez	CEA Paris-Saclay, IRFU DAp
Org	Fabio Acero	Univ Paris Cité
Dir/Lec	Stéphane Schanne,	CEA Paris-Saclay, IRFU DAp

We warmly thank the Cargèse institute



Very good

- Lodging
- Food
- Infrastructure

- The staff
 - Nathalie Giudicelli
 - Dominique Donzella
 - Aggelikki Oikonomou
 - and collaborators

(Reply to their poll on the web)

Concluding remarks

- I would say, this school was success!
- We have learned a lot
- We had a good time together
- We have made friends – we will meet again!

