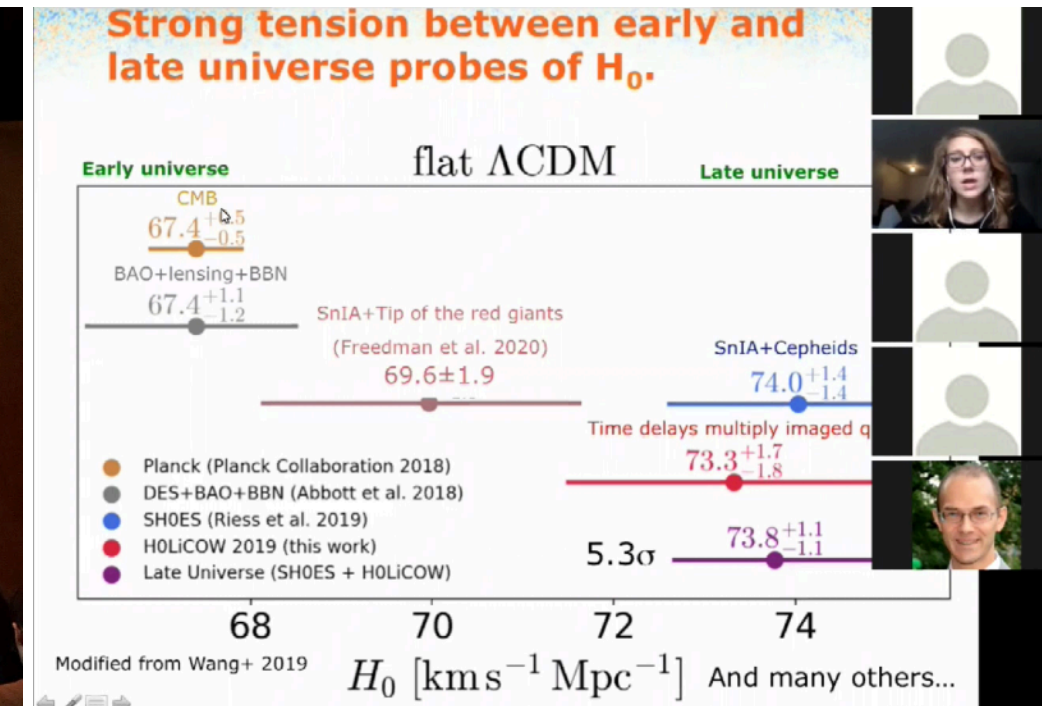
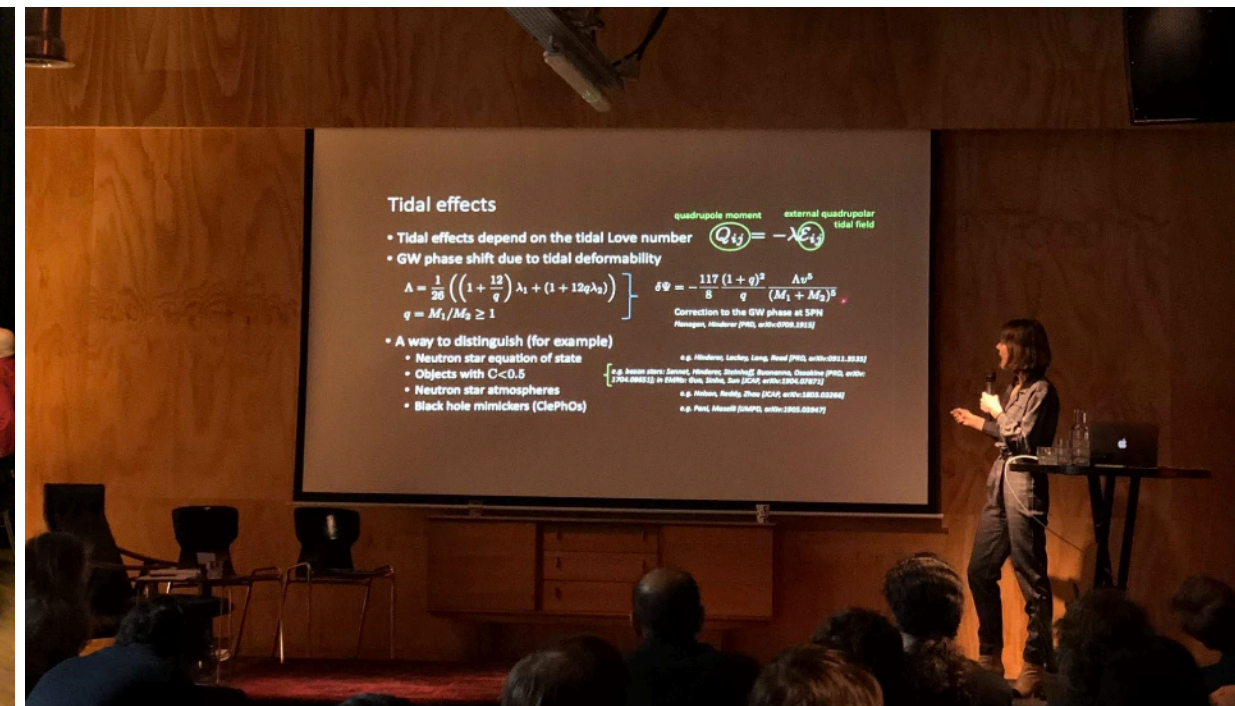




EuCAPT

European Consortium for Astroparticle Theory



Gianfranco Bertone, 7/12/2023

EuCAPT in 2023



- Launched in 2019
- Central hub at CERN
- Grown in 4 years to:
 - **133** Institutions
 - **1688** individual members
- Represented by:
 - **70** Council Members
 - **11** Steering Committee members

Update: 7 new Institutes, 120 members

No	DE	MPIK	Max Planck Institute for Nuclear Physics	Saupfercheckweg 1, 69117 Heidelberg	http://www.mpi-hd.mpg.de/	45	Manfred Lindner	lindner@mpi-hd.mpg.de	NEW
No	BG	"St. Kl. Ohridski" U. of Sofia	"St. Kl. Ohridski" University of Sofia, Faculty of Physics	5 James Bourchier Boulevard, Sofia 1164, Bulgaria (Faculty of Physics)	https://www.uni-sofia.bg/index.php/eng	7	Stoytcho Yazadjiev	yazad@phys.uni-sofia.bg	NEW
No	UK	U. of Manchester and Jodrell Bank Centre for Astrophysics and the Particle Physics Group	Department of Physics and Astronomy, University of Manchester (incl. the Jodrell Bank Centre for Astrophysics and the Particle Physics Group)	University of Manchester, Oxford Road, Manchester M13 9PL, United Kingdom	https://www.jodrellbank.manchester.ac.uk and https://www.hep.manchester.ac.uk	22	Peter Millington	peter.millington@manchester.ac.uk	NEW
Yes	CZ	Institute of Physics in Opava, Silesian University	Institute of Physics in Opava, Silesian University	Institute of Physics in Opava, Silesian University Bezručovo náměstí 1150/13, 746 01 Opava, Czech Republic	https://www.slu.cz/phys/en/				NEW
	CZ	Institute of Particle and Nuclear Physics, Faculty of Mathematics and Physics, Charles University	Institute of Particle and Nuclear Physics, Faculty of Mathematics and Physics, Charles University	Institute of Particle and Nuclear Physics, Faculty of Mathematics and Physics, Charles University V Holešovičkách 2, 180 00 Prague 8, Czech Republic	https://ipnp.cz/	21	Adam Smetana	adam.smetana@cvut.cz	NEW
	CZ	Institute of Experimental and Applied Physics, Czech Technical University in Prague	Institute of Experimental and Applied Physics, Czech Technical University in Prague	Institute of Experimental and Applied Physics, Czech Technical University in Prague Husova 240/5, 110 00 Prague 1, Czech Republic	http://www.utef.cvut.cz/				NEW
No	IL	Ariel University	Ariel University	Ariel University Physics Department, Ariel University, Ramat Hagolan Street, Ariel 40700, Israel	https://www.ariel.ac.il/wp/en/	23	Ido Ben-Dayan	idobd@ariel.ac.il	NEW
No	PT	CFisUC	Centre for Physics of the University of Coimbra (CFisUC)	Centre for Physics of the University of Coimbra (CFisUC) Department of Physics, University of Coimbra, 3004-516 Coimbra, Portugal	https://cfisuc.fis.uc.pt/research.php?oid=8103799	22	João G. Rosa	jgrosa@uc.pt	NEW

EuCAPT Council



- First meeting 4 Oct 2022
- Second meeting 30 May 2023
- Third meeting 10 Oct 2023

António Pestana Morais
Enrico Pajer
Jackson Levi Said
Pedro G. Ferreira
Alberto Mariotti
Francesca Calore
Alejandro Ibarra
Paul Saffin
Irene Tamborra
Valerie Domcke
Volodymyr Pelykh
Silvia Pascoli
Gert Hütsi
Pedro Schwaller
Ely Kovetz
Giuseppe Fannizza
Jorge Martin Camalich
Riotto Antonio
Katy Clough
Laura Sagunski
Pierre Vanhove
José Ignacio Illana
Paolo PANCI
Foteini Oikonomou
Carmelo Evoli
Harry Desmond
David J. E. Marsh (Doddy)
Laura Bernard
David Langlois
Jose Alberto Ruiz Cembranos
Gabriela Barenboim
Riccardo Catena
Ivonne Zavala
Alessio Notari

Alvise Raccanelli
Bradley J Kavanagh
Sami Nurmi
Jessica Turner
John Antoniadis
José Manuel Carmona
Masina Isabella
Isabella Masina
Alessandra Silvestri
Marco Taoso
Federico Urban
Isabella Masina
Walter Winter
Christoph Weniger
Isabella Masina
Sébastien Renaux-Petel
Philipp Mertsch
Ricardo Z. Ferreira
Matteo R. Fasiello
Masha Chernyakova
Arttu Rajantie
Marina Migliaccio
Ilidio Lopes
Tim Linden
Paolo Pani
Fabio Iocco
Davide Gerosa
Emanuela Dimastrogiovanni
Alain Blanchard
Josef Pradler
Gabrijela Zaharijas
Željka Marija Bošnjak
Julia Becker Tjus
Stefano Liberati
Geraint Pratten

Updates 2

- Funded **exchange program** in 2023:
 - 2 small-scale collaboration meetings at CERN
 - 3 individual visits to other EuCAPT institutions
 - *Call heavily oversubscribed*
- **1st EuCAPT BIP Erasmus+ School:**
 - Blended Intensive Program (in person+virtual)
 - Aimed to Master and PhD Students
 - Combined scientific programme with “soft skills” training
 - Lecturers = world experts from different European institutions
 - Worth 3 ECTS credits
 - No registration fee + travel support from Erasmus

Updates 3: Virtual Colloquia



June 2024

 Jun 11 [Antonio Riotto, "Primordial black holes"](#)

May 2024

 May 14 [Shinji Mukohyama, "Dark energy"](#)

April 2024

 Apr 09 [Sam Witte, "Axions"](#)

March 2024

 Mar 12 [Paolo Creminelli, "Inflation"](#)

February 2024

 Feb 13 [Antonella Castellina, "UHECR: recent results"](#)

January 2024

 Jan 09 [Jocelyn Bell Burnell, "Women in Physics"](#)

December 2023

 Dec 12 [Elisa Resconi, "First Associations of High-Energy Neutrinos and Insights for the Future"](#)

November 2023

 Nov 14 [Nicola TAMANINI, "Cosmology with gravitational-wave standard sirens"](#)

Update 4: *Cosmos Prize*

- **2 prizes** for best pop science book awarded every year: 1 from scientists, 1 from high school students
- **Very successful** in Italy
 - Top scientists & communicators involved (Jim Al Khalili, Brian Greene, Sean Carroll, David Spiegelhalter)
 - Thousands of students involved
- Open to all, focus on youth from **disadvantaged backgrounds**
- In **collaboration** with Education Ministry, Publishers, Schools, National agencies

Already established in Italy and NL, ongoing discussions with colleagues in France, UK, Sweden, Spain...

Update 5: Individual membership

- Goal: keep updates list of active members and their contact info
- Adapted the individual membership form to account for people moving
- Every new member (or old member changing affiliation) must fill the form
- Council members keep update list of active members
- April 2024: Opening of the form
- May 2024: Council approve new Institutes and checks membership

The next director

- After an election procedure that involved the community through:
 - Institutional representatives in the Council (expressed their preferences for candidates)
 - A selection committee = EuCAPT Steering Committee + APPEC GA representatives (A. Haungs)
- Name of new director submitted to the APPEC GA:

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Prof. Silvia Pascoli
University of Bologna

What's next?

- I will step down in January 2024
- Silvia Pascoli's 2.5+2.5 term will start then
- I'll let her tell you more about her vision and strategy in the next GA..

On behalf of EuCAPT,

Thank You APPEC!