

EuCAPT Task Force Presentation

Community Building - people

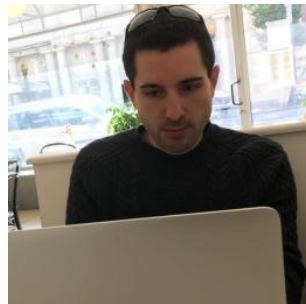
- Jessica Turner (University of Durham) :
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- Laura Bernard (Paris Observatory) :
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- Tim Linden (Stockholm University):
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- Irene Tamborra (Niels Bohr Institute) :
tamborra@nbi.ku.dk



Community Building - goals

« The goal of the Community Building Task Force for EuCAPT is to cultivate a strong sense of *connection and collaboration* within our community of astroparticle theorists. Our primary focus is to understand the unique needs and interests of our members and to identify areas where we can improve, with a particular emphasis on *enhancing diversity, equity, and inclusion*. By implementing strategies to foster such engagement, improve communication, and encourage collaboration, we hope to build a *supportive and inclusive community* that can further EuCAPT's mission to *advance astroparticle theory research*. »

Community Building - actions

- Already working or done :
 - update the EUCAPT Code of Conduct (<https://www.eucapt.org/coc>)
 - suggest speakers on EDI for the EUCAPT colloquium, workshops and schools
- Planned :
 - analyse the census data about the diversity of the EUCAPT community
 - act as ombudsperson for EUCAPT - contact (to be set up):
 - mattermost channel
 - unique email address
- Feedback / suggestions more than welcome

Funding opportunities Task Force

Gabriela Barenboim (chair) gabriela.barenboim@uv.es

Gabrijela Zaharijas gzaharijas@ung.si

Foteini Oikonomou foteini.oikonomou@ntnu.no

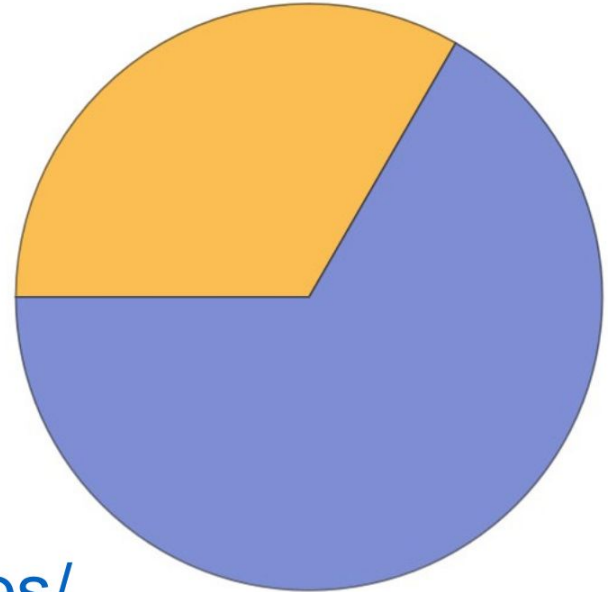
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Paolo Panci paolo.panci@cern.ch

First EuCAPT School

Cosmology + Soft Skills



<https://eucaptcosmo.blogs.uv.es/>



EuCAPT

Governance Task Force

Governance/Elections: Members

- **Francesca Calore**, Laboratoire d'Annecy de Physique Théorique (FR), calore@lapth.cnrs.fr
- **Ricardo Z. Ferreira**, Institut de Física d'Altes Energies (ES), rzambujal@ifae.es
- **David Langlois**, Laboratoire Astroparticules & Cosmologie (FR), langlois@APC.UNIV-PARIS7.FR
- **Arttu K. Rajantie**, Imperial College London (UK), a.rajantie@imperial.ac.uk

Governance/Elections: Mission

- Guarantee **bottom-up structure** of EuCAPT;
- Guarantee representation to all members of the community, respecting **diversity and inclusivity**;
- Lay out the **rules that govern EuCAPT** and its entities, i.e. steering committee, council, etc., and the relationships with APPEC and the central hub (CERN);
- **Design electoral procedures** for the different roles at EuCAPT.

EuCAPT governance document:

<https://drive.google.com/file/d/12s8BUDnWdCSTHSbkLp-sHOtCvaM-UhSN/view?usp=sharing>

Governance/Elections: Actions and calendar

Top priorities:

- Prepare elections for **new EuCAPT director** and write job announcement
[Done, Oct 2023]
- Prepare next Council Chair election [Done, Oct 2023]
- Maintain official EuCAPT **governance document** updated
- **Revise membership and representation rules** [To be done, Oct 2023]
 - Identify issues/criticalities of current rules
 - Propose ways to solve these issues to the Council and Steering Committee

Please reach out for suggestions/comments



EuCAPT

EuCAPT Training Task Force

Ema Dimastrogiovanni
University of Groningen

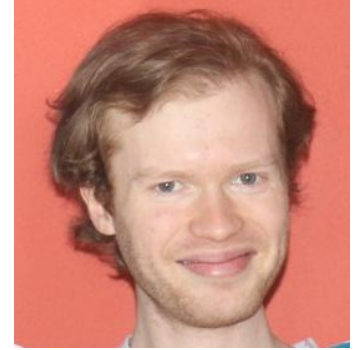
Third EuCAPT Symposium, CERN, May 2023

Training Task Force: team



Marina Migliaccio
Department of Physics
University of Roma Tor
Vergata/INFN

Harry Desmond
Institute of Cosmology and
Gravitation
University of Portsmouth



Christoph Weniger
GRAPPA
University of Amsterdam

Ema Dimastrogiovanni
Van Swinderen Institute
University of Groningen



Training Task Force: goals

– Collect and advertise (through the EuCAPT website) information related to training activities/programmes such as:

- Master and PhD programmes (national+international)
- Exchange programmes
- Summer and winter schools
- ...

– Propose/organise training activities such as:

- Master/PhD schools
- Day workshops about topics such as grant writing, public speaking and other soft skills
- ...

First EuCAPT School:

- WHERE: University of Valencia
- WHEN: 18-22 September 2023
- FOCUS: $\frac{2}{3}$ science + $\frac{1}{3}$ soft skills

To supervisors of students in Erasmus institutions:
to know how to obtain financial support for your students
to attend the School please get in touch with
e.dimastrogiovanni@rug.nl
[School is financed by Erasmus BIP]

Training Task Force: calling for ideas/volunteers

To the most junior researchers in our community:
how can we help you? We'd like to hear your suggestions/ideas

To everyone:
we welcome volunteers, please contact us
if you would like to be involved

ps: please come talk to me on Friday at the EuCAPT discussion (14:00-15:00)

Symposium

Valerie Domcke
Antonio De Morais
Alberto Mariotti
Paul Saffin
Marco Taoso

Provide input and guidance regarding organization of the annual symposium

Critically evaluate goals to be achieved by the symposium

Collect feedback / provide suggestions for the format of future symposiums



your input and feedback is very welcome!



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EuCAPT Workshops Task Force

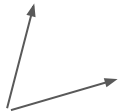
Matteo Fasiello
IFT Madrid

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Workshops TF



Alejandro Ibarra, Technical University Munich (ibarra@tum.de)



Here in person!



Ilidio Lopes, CENTRA, Instituto Superior Técnico Lisboa (ilidio.lopes@tecnico.ulisboa.pt)



David J. Marsh, King's College London (david.j.marsh@kcl.ac.uk)



Jackson Said, University of Malta (jackson.said@um.edu.mt)



Federico Urban, CEICO, Czech Academy of Sciences (federico.urban@fzu.cz)



Matteo Fasiello, IFT Madrid (matteo.fasiello@csic.es)

EuCAPT Workshop Sponsorship: what is it and **what can it do for you?**

EuCAPT is looking forward to playing a very active role in sponsoring impactful international workshops on the most exciting new developments in astro-particle theory and cosmology.

The sponsorship includes:

(1) **Access to EuCAPT funds** to support the participation of EuCAPT members (over 120 institutions in Europe joined EuCAPT) to the workshop. Early career researchers will be given priority.



(2) **Access to** EuCAPT's formidable **dissemination and outreach platforms** to advertise the workshop.



(3) A panel of international experts who can provide organisers with **input and guidance on all aspects** of the workshop organisation including research topics, speakers, diversity & gender balance, dissemination/outreach, logistics. Other **Examples**



(3a) Securing extra financial support (help exploring other possibilities such as Cost Actions to cover travel expenses)

(3b) Soft skills component (we are in contact with excellent, experienced, professionals)




(3c) Prizes (best talk etc... help navigating various possibilities, including proceedings)

We encourage **those interested** in setting up a program with EuCAPT sponsorship to **please contact us** at your earliest convenience.

A contact form will soon be provided on the EuCAPT website (or just email any of us!).



In selecting the programs to sponsor, EuCAPT will take into account:

-  the expected **scientific impact and the timeliness** of the proposed program;
-  the attention and effort devoted to **diversity aspects** of the workshop, including (but not limited to) gender balance of speakers/attendees, geographical origin of speakers/attendees, career stage of speakers/attendees;
-  the effort placed on enhancing **dissemination and outreach** during the program. EuCAPT highly values the presence of an online component in a given program. Organising an event dedicated to the general public is also strongly encouraged.

Your input is Crucial



what can we do for you?

Need more info? Have further questions?
Suggestions? Complaints?!

Please come talk to us on Friday (2:30-3:15pm) at the discussion



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EuCAPT Website Task Force

Niko Šarčević
Newcastle University / EuCAPT / LSST DESC

Third EuCAPT Symposium, CERN, May 2023

- Collate useful, EuCAPT related information
- Present the information online
- Interactions in the community
- Emphasise the achievements
- Connect people

How can the website contribute to increased interactions?

Website task force: people

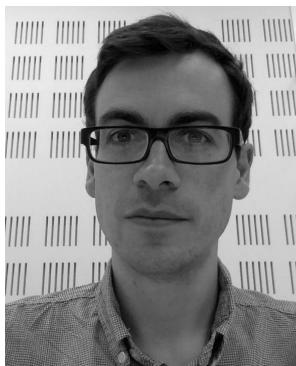
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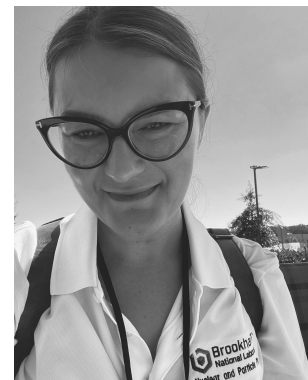
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Niko Šarčević //
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- General info
- Joining EuCAPT
- Resources
- Events/News
- Blog
- Video profiles
- Events

www.eucapt.org

Website task force: future developments

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- Evolve with the organization
- Synchronize with other task forces
- Increase social media presence
- Community insight and suggestions

Find me during the symposium and share your thoughts!

@EuCAPT or email the task force!

Thank you for your attention.



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EuCAPT Outreach Task Force

Silvia Pascoli
University of Bologna/INFN Bologna

Third EuCAPT Symposium, CERN, May 2023

Outreach task force: people

Third EuCAPT Symposium, CERN, May 2023

Silvia Pascoli, University of Bologna, INFN



Jorge Martin Camalich, IAC,
University of La Laguna



Jose Ignacio Illana Calero, U. of Granada



Pierre Vanhove, IPT CEA-Saclay



Isabella Masina, U. of Ferrara, INFN



Alessio Notari, U. of Barcelona



Jose Manuel Carmona, U. of Zaragoza



We started from the consideration that most of us do outreach and science communication at various degrees. There is much overlap but little coordination and transfer of knowledge/best practice. This limits the potential impact of the activities and resources we create.

Aims:

- Coordinate / facilitate exchange of outreach activities/resources
- Sensibilize our community to importance of outreach
- Training in soft skills (with Training Task Force)

- Phase I: facilitate knowledge exchange and impact by collecting resources from the community.

We will send out a call to all EuCAPT members to provide links to their talks, videos, youtube channels, but also videogames, games, hands-on material that could be shared with the community.

Issues:

- IPR;
- EuCAPT endorsement by being on the website (guarantee the quality and “non-controversiality” of the science presented to the general public)

- Phase I: collect information about what the community does and needs emerge.

We will send out a survey to capture a picture of the activities carried out by the community, especially to highlight innovative initiatives.

- Phase II: proactively initiate new outreach activities of broad scope in theoretical astroparticle physics (e.g. Twitter further developing current activity, Instagram, youtube channel for talks, prizes for outreach)...
Ideas welcome

Outreach task force: COSMOS Prize (Bertone)

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- **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
- Format **already exported to the NL**
- **We can help you** organise it in your country!

Outreach task force: summary

Outreach is an important part of our activities.

We would like to facilitate knowledge transfer and enhance the impact of outreach.

We need EuCAPT members to engage with the outreach TF. If you wish to contribute, e.g. to Twitter/Instagram, **please contact us**.

If you have novel resources/experiences that you would like to share, **please come and speak to us on Friday**.



EuCAPT

EuCAPT
Collaborative projects
Task Force

Alvise Raccanelli
University of Padova/INFN Padova/INAF Padova

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Collaborative projects task force: people

Third EuCAPT Symposium, CERN, May 2023

Zeljka Bosnjak, University of Zagreb, Croatia

Riccardo Catena, Chalmers University of Technology, Sweden

Jose Alberto Ruiz Cembranos, Universidad Complutense de Madrid, Spain

Alvise Raccanelli, University of Padova, Italy

- Repository for software and tools
 - Poll to make a census of available tools in astroparticle and cosmology

- White paper:

EuCAPT White Paper

Opportunities and Challenges for Theoretical
Astroparticle Physics in the Next Decade



EuCAPT

White paper: Too early for a new version?

Identify projects that would complement the white paper initiative, e.g. summary reports devoted to specific topics

Or make it a living review?

Has it been relevant? In some sub-fields more than others?
(45 citations so far)

- Repository for codes and tools
 - Advertise and make people (especially students and young researchers) aware of available tools
 - Encourage students and young researchers to make their codes public
- Repository for lectures
 - Collect, advertise and make available lectures on relevant topics given at astroparticle physics (EuCAPT?) schools

- White paper:
 - New version of the EuCAPT white paper
 - Revisit what we like and what we like less about white paper 1.
 - Consider adding or reshaping topics list

Current topics:

Astrostatistics, Dark Matter, Dark Energy, Cosmic Accelerators, Dynamical spacetimes, Early Universe, Nuclear Astrophysics, Neutrino properties, Particles from stars, Traveling messengers



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EuCAPT Newsletter Task Force

Giuseppe Fanizza
IA - Lisbon

Third EuCAPT Symposium, CERN, May 2023

Newsletter task force: people

Third EuCAPT Symposium, CERN, May 2023



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Giuseppe Fanizza //
IA - Lisbon University
gfanizza@fc.ul.pt



John Antoniadis //
IA - Crete University
john@ia.forth.gr

- Job opportunities
- News
- Profile for new (and old) members
- Schools and Conference

- Job opportunities: check regularly the Mattermost channel for latest announcement
- Schools and Conference

Newsletter task force: what to be strengthened

- Job opportunities: email the task force or upload them on the Mattermost channel
- Profile for new (and old) members: coordination with the secretariat about the profiles to be updated

Any feedback and/or expectations about what the newsletter should bring to the community is welcome

Colloquia

Carmelo Evoli
Anne Green
Sébastien Renaux-Petel
Alessandra Silvestri

Organise regular online colloquia, aimed at the entire EuCAPT community (all science areas and career stages).

Will take place on zoom at 15.00 CE(S)T on the 2nd Tuesday of the month from Oct-Jun.

Details will be advertised via the EuCAPT mailing list and newsletter, and also available (including slides & recordings afterwards) at: <https://indico.cern.ch/category/12056/>

Mostly 'science' topics + EDI + 'skills' (c.f. Nov 2022 talk by Matteo Rini, editor of APS Physics magazine, on 'Finding words for Physics').

Comments/suggestions (in particular for 'skills' speakers) to: anne.green@nottingham.ac.uk