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**Astroparticle Physics European Consortium**

**Katharina Henjes-Kunst**  
**APPEC General Assembly 04/2022, Paris**

# APPEC internal meetings in 2022

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- 4 APPEC GA meetings
- 5 APPEC JS meetings
- SAC meetings
  
- several working meetings between GA chair+ vice chair + General secretary + Julie Epas
  
- Further working groups:
  - Town Meeting
  - TechForum
  - MoU
  - ACME
  - JENA Symposium Preparation

# APPEC external meetings in 2022

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## **JENA Symposium (3-6th of May 2022, Madrid)**

- 160 participants
- common computing workshop suggested for 2023

## **APPEC Multimessenger Workshop I+II (January + October 2022):**

- Low-latency alerts & Data analysis for Multi-messenger Astrophysics Workshop → report
- Multi-Messenger Astrophysics → ACME was discussed

## **Underground Labs Workshop (28-29th of April 2022, LNGS)**

- aimed to reinforce the network between EU Underground Laboratories in order to develop a strong synergy to face next generation experiments

## **APPEC TechForum (was planned for September in Prague)**

- „Robotics and operation at large-scale instruments in harsh environments“
- was canceled → low participation from communities
- Should take place as in person meeting

# APPEC Town Meeting



- 100 participants
- World coffee style – many working tables in parallel, many changes of tables
- Due to the format a lot of preparation and communication was needed beforehand
- **Aim:** To give feedback to the SAC midterm evaluation
- Lively, successful meeting





# APPEC Town Meeting



# APPEC topics in 2022

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- APPEC Common Fund Update
  - move it to DESY Zeuthen
  - comparison of receipts from the last 5 years, reminders and issuance of invoices for 2021/2022
  - Please take care of the invoices and forward them to responsible persons, if you receive them

## APPEC Outreach update

- Moving the website to DESY in 2023 (at the moment external host)
- Outreach material
- Poster with AHEAD, initiated by Stavros

# APPEC topics in 2022

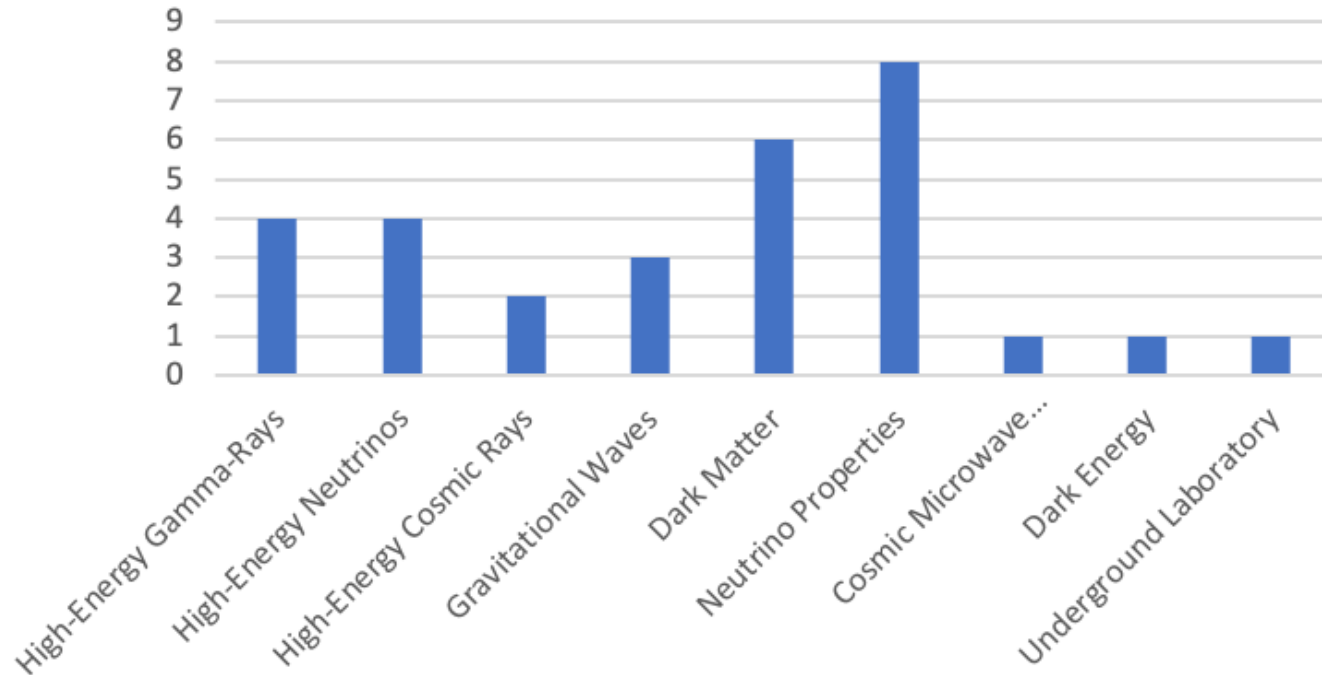
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- **ACME**
  - See report of Antoine later
- **MoU**
  - See topic before
- **APPEC CENSUS**
  - Questionnaire was developed as update of the plots in the roadmap document
  - Sent to the major AP experiments

# Experiments that entered data



AP field



**HEGR:** CTA / CTAO, SWGO, TAIGA, VERITAS

**HEN:** Baikal-GVD, IceCube, KM3NET, RNO-G

**HECR:** AUGER, JEM-EUSO (space)

**GW:** ET, Virgo, GEO600

**DM:** 1x Gran Sasso (PTOLEMY),  
3x Germanium/Crystal (SuperCDMS),  
2x Liquid Xenon (Xenon1t, DARWIN)

**NP:** 1x Spectrometric (Project 8),  
1x Germanium, (LEGEND),  
1x Xenon,  
3x Reactor,  
1x Calorimetric (HOLMES),  
1x accelerator based (MicroBooNE)

**CMB:** CMB-S4

**DE:** 1x Ground based

**UL:** Kamioka Observatory



# APPEC finances in 2022

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- **Outgoing:**

- 30.540,08 € APPEC Town Meeting
- 10.000,00 € IYBSSD
- 20.000,00 € EuCAPT via INFN and FOM
- 4.127,30 € APPEC GA 03/2022 Vienna
- ~ 2.000 € Outreach costs (pictures Town Meeting, Web add ons, Census questionnaire programm)
- 5.000 € Astroparticle Symposium 2022
- 5.000 € Underground Lab Workshop
- *1.000€ Sponsorship MODE workshop (+Eol financial support)*

**➔ 77.667,38 €**

# APPEC finances in 2022

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- **Incoming:**
  - APPEC Common Fund contributions 2021 + 2022 (not all received yet)
  - In total: 50k€ for 2021 (and older years)  
54k€ for 2022
  - + cash balance of 45k€ extra
- ➔ Cash balance **could be** 71 k€

# APPEC Topics in 2023

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- Finalising MoU
- Finalising Roadmap
- Agreeing on the further procedure/ Town meetings/ Roadmapping
- New SAC members (GA chair and General Secretary?)
- INFRA-2023-SERV-01-02: Common Proposal with European Astronomy (ACME)
- JENA Computing Workshop, Astroparticle Computing
- APPEC TechForum
- AP support Ukraine
- New APPEC partners: ESA as observer?

# APPEC meetings in 2023

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- 4-6 APPEC JS meetings ( 1 in person?)
- 3-4 APPEC GA meetings (2 in person, summer GA in Poland)
- 3 APPEC SAC meetings
- Multimessenger Workshop
- JENA Computing Workshop
- APPEC TechForum\*
- Roadmap Update Presentation\*



# APPEC finances in 2023

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- **Outgoing:**

- 2.000€ Outreach (Website, material)
  - 10.000€ EuCAPT
  - 8.000€ APPEC General Assembly meetings (4/2022 + 2x2023)
  - 1.000€ APPEC Joint Secretariat meeting
  - 1.000€ APPEC SAC meeting
  - 5.000€ TechForum\*
  - 10.000€ Update Roadmap Presentation\*
  - 5.000€ JENA Computing\*
  - 5.000€ Multimessenger Workshop\*
  - Eol support
- ➔ 47k€