

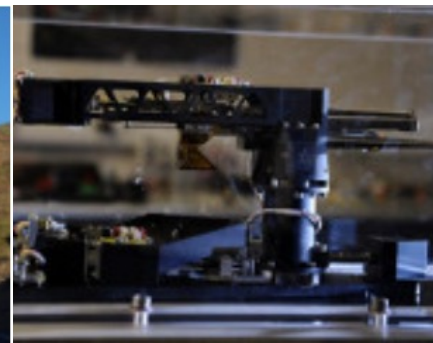


# WP 6 – Training & workshops for researchers and engineers

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&

Heidi Korhonen (MPIA, Germany)

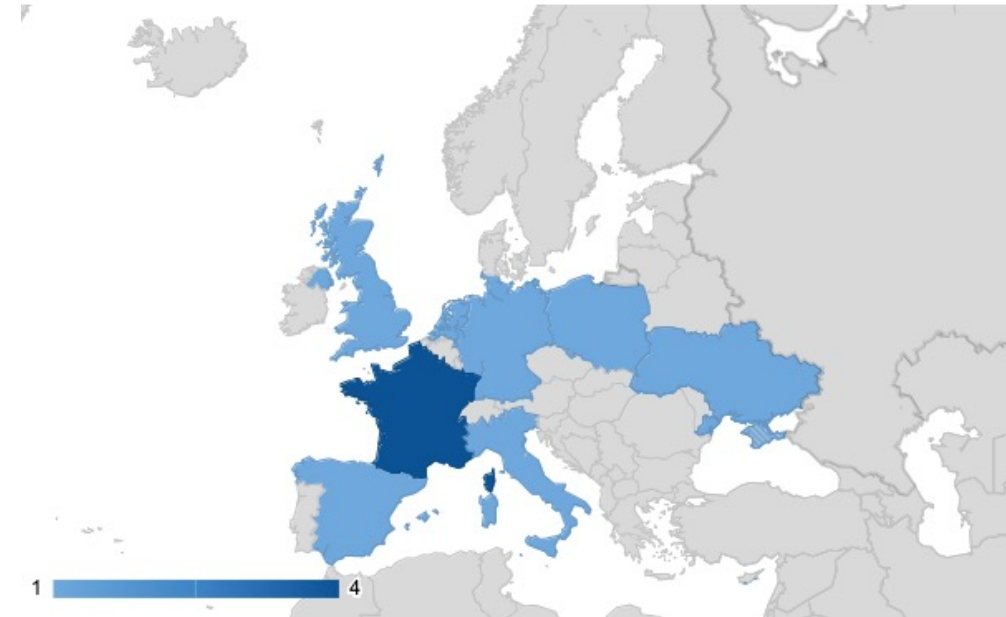


**We will organise different training events in order to assist astronomers in taking, analysing and interpreting multi-wavelength/messenger observations and coordinating efforts to observe the transient sky.**

- We will:
  - Organise conferences, workshops, schools and hackathons
  - Provide dedicated training material.
- The events will
  - Reinforce the access to different facilities
  - Help in the acquisition of scientific expertise
  - Improve collaboration for accessing data
  - Facilitate coordination activities in observing transient events



- **Oscar Blanch** – Institut de Física d'Altes Energies, Spain – high energy gamma-rays
- **Paolo D'Avanzo** – Observatory Brera, INAF, Italy – multi-messenger astronomy
- **Phil Evans** – University of Leicester, UK – X-rays
- **Heidi Korhonen** – MPIA, Germany – optical, instrumentation (WP6 co-lead)
- **Ignacio Lazaro Roche** – Nice, France – muons
- **Zoé Massida** – IRAP, France – WP6 project management
- **Roberto Pizzo** – ASTRON, the Netherlands – radio astronomy
- **Stephen Sergeant** – Open University, UK – IR, citizen science
- **Tiina Suomijarvi** – CEA, Saclay, France – high energy particles and gravitational waves
- **Natalie Webb** – IRAP, France – multi-messenger, X-rays (WP6 co-lead)
- **Lukasz Wyrzykowski** – Warsaw University Astronomical Observatory, Poland – optical and radio
- **Lidiia Zadorozhna** – Taras Shevchenko National University of Kyiv, Ukraine – X-rays



<b>1</b>	<b>Multi-wavelength/messenger conference: The gravitational wave sky and complementary observations</b>	hybrid	T0+6m	1st year
2	Workshop / hackathon - Archives and real-time data access	in-person	T0+8m	
3	Workshop - MAGIC	virtual	T0+9m	
4	Workshop - Citizen science	virtual	T0+10m	
5	Workshop - Swift / XMM-Newton	in-person	T0+11m	
6	Workshop - open call for topic	in-person	T0+12m	
7	Workshop - SNEWS / outreach	virtual	T0+14m	2nd year
<b>8</b>	<b>Multi-wavelength/messenger conference: The transient Universe in the Rubin era</b>	hybrid	T0+15m	
9	School - MAGIC / CTAO	in-person	T0+17m	
10	Training - neutrinos - in person	in-person	T0+19m	
11	Workshop - open call for topic	virtual	T0+21m	
12	Training - LOFAR	in-person	T0+23m	
13	Workshop - open call for topic	in-person	T0+24m	

Yearly larger conference in hybrid format

Several smaller pre-defined virtual and in-person events every year

14	Small conference - LSBB/iDust	in-person	T0+26m	3rd year
15	Workshop - Swift / XMM-Newton	virtual	T0+27m	
<b>16</b>	<b>Multi-wavelength/messenger conference: The multi-wavelength/messenger sky in the SKA era</b>	hybrid	T0+28m	
17	School - optical instrumentation	in-person	T0+29m	
18	Workshop / hackathon - Rubin/Rubin brokers	in-person	T0+30m	
19	Workshop - open call for topic	virtual	T0+32m	
20	Workshop / hackathon - Archives and real-time data access	in-person	T0+33m	
21	Workshop - open call for topic	in-person	T0+34m	
22	Workshop - Well-being	virtual	T0+36m	
<b>23</b>	<b>Multi-wavelength/messenger conference: The high energy sky, archives and real-time data access</b>	hybrid	T0+39m	4th year
24	Training - LOFAR, Effelsberg, eMERLIN, EVN, IRAM (NOEM)	in-person	T0+40m	
25	Workshop / hackathon - Archives and real-time data access	in-person	T0+41m	
26	Workshop - open call for topic	virtual	T0+43m	
27	Workshop - Swift	in-person	T0+44m	
28	Workshop - open call for topic	in-person	T0+46m	
29	Workshop - CTA/Pierre Auger	virtual	T0+48m	

Yearly open calls for virtual and in-person events

Large events ~100 people  
Smaller events ~12-35 people

- Administrative help by Zoé Massida, including among other tasks
  - Putting into place the event website
  - Dealing with travel for invited and subsidised participants
  - Making other reservations
  - Doing publicity
- We will also
  - Provide guidelines for meeting organisers
  - In general in our events choose talks based on abstract submission, but ensure good representativity regarding countries, gender and age
  - For smaller meetings, request a short text on the participants motivation and allow the SOC to chose the participant
  - Guarantee 50 % of places for young career researchers ( $\leq$ PhD+6 years)
  - Finance participation (bursaries - 4 per small event and 11 per large event) mainly for early career researchers

- **What:** yearly large conference
- **When:** Approximately 6m from now
- **Where:** IRAP, Toulouse, France
- **SOC:**
  - Marica Branchesi
  - Tomek Bulik
  - Heidi Korhonen
  - Nicolas Leroy
  - Fabian Schussler
  - Monica Seglar Arroyo
  - Tiina Suomijarvi
  - Gwenhaël Wasseige
  - Natalie Webb (chair)
  - Silvia Zhu

Working title: **The gravitational wave sky and complementary observations**



- Announce the first event
  - SOC meeting in September to finalise the invited speakers
  - Announcement to ACME partners in early October
- Call for the first open training event
  - In-person event 12m from now
  - The call is being drafted and ready to be circulated to ACME partners in October
  - WP6 steering committee will evaluate the applications
- Creating a website for the events in *sciencesconf*
- Create and regularly update a webpage on ACME WP6 activities

