



7th APPEC General Assembly

January 8, 2016

INFN HQ, Rome, Italy

Minutes

Present

Gaspar Barreira, Stan Bentvelsen, Thomas Berghöfer (General Secretary - GS), Lars Bergstrom, Johannes Blümer, Catherine DeClercq, Fernando Ferroni, Sylvie Leray, Mario Martinez, Antonio Masiero (SAC Chairman), Teresa Montaruli, Alexandra Saftoiu, Janet Seed, Frank Linde (Chairman), Job de Kleuver (Secretariat).

Invited: Katharina Henjes-Kunst, Stavros Katsanevas, Ruth McAvinia, Sonia Gentiloni, Sergio Fernandez.

Apology

The chairman received apologies for their absence from Halina Abramowitz (observer ECFA), Iliana Brancus (replaced by Alexandra Saftoiu), Anne-Isabelle Etievre (CEA, replaced in this meeting by Sylvie Leray), Eckhard Elsen (observer CERN), Laurent Favart, Claus Madsen (observer ESO), Victor Matveev, Christian Stegmann

1. Adoption of the Agenda

The chairman welcomed Portugal as new member of APPEC. He also thanked INFN for the hospitality and the arrangements of this meeting.

The agenda was adopted.

2. Short presentation INFN President Fernando Ferroni

Ferroni presented INFN's Astroparticle Physics portfolio, composed of four themes with experiments in the fields of: neutrino physics, cosmic rays, gravitational waves and the dark universe.

Astroparticle physics is at the center stage of INFN and is vibrant and growing. LNGS is the main center of activity, but EGO and KM3NeT also are key elements of INFN.

3. Approval of minutes of the 6th GA, June 22, 2015

The minutes were approved.

4. GA Action list

The GA action list from the GA meeting in Amsterdam was discussed. Most actions were completed and will be withdrawn from the list. Some remained on the list and need further attention (see the attached list).

5. Report of the Chairman

The Chairman reported on recent developments. The field is lively and promising. He mentioned the Nobel Prize for neutrino oscillations, the progress in AUGER, CTA, KM3NeT and XENON1T and the prospects for discoveries in the near future.

Bertolucci prepares the scientific committee for ATTRACT. Linde recommended various prospective candidates from our community for this committee.

6. Strategy towards the new APPEC roadmap

The Chairman of the APPEC SAC Masiero presented the outline and the scientific parts of the draft roadmap. The Chairman Linde explained the process including the town meeting and the finalization of the roadmap. After that the draft roadmap and the process were discussed.

Approach and outline Roadmap

The approach with a layman's oriented bulk text was supported by the GA. It is important to use the good words. It was suggested to use boxes to present more details in certain cases. It was also suggested to present clear and exciting fundamental questions for each of the topics in the roadmap that convince policy makers and funding agencies. It is also useful to find a common language and not use different words for the same things. It was suggested to present links to other experiments like the dark matter searched at the LHC. The order of the topics in the roadmap should be logical, e.g. from the big bang until today.

In addition, GA members and SAC were invited to send comments on the draft text to Katsanevas, Masiero and Linde until 15 February 2016. After that they will continue to prepare a new draft of the roadmap.

Considerations and recommendations

Linde explained the approach to prepare considerations to inject in the town meeting. This will (should!) stimulate lively discussions. After the town meeting these will converge in 15-20 recommendations to be approved by the GA. The GA approved this approach. The considerations and supporting texts will be prepared by Katsanevas, Masiero and Linde. GA members were invited to comment on the draft considerations and send additional considerations to them before 15 February 2016.

Katsanevas, Masiero and Linde will finalize the set of considerations before 1 March and make this set available for the town meeting participants via the website and/or e-mail.

Town meeting 6 and 7 April 2016 in Paris

Katsanevas presented the draft programme of the town meeting in Paris.

After discussion it was decided to start the first day at 10.00, plan one presentation on the non-science topics, add a big data/computing presentation, end the second day at 18.00.

Typically each topic is on the agenda with a short presentation by preferably a SAC member, a few minutes introduction of the considerations by a GA member and a lively discussion with the audience moderated by a GA member. The presentations should focus on the topics of the considerations and not give general views of the scientific sub-areas in APP.

The Town meeting website will be online on Wednesday 13 January and an APPEC newsletter will be send out by the end of that same week.

GA meetings

Directly after the town meeting a short GA meeting will be organized to reflect on the town meeting. De Kleuver will send a doodle to decide the date (Thursday 7 April or Friday 8 April).

The summary of the roadmap, the final draft of the roadmap and the recommendations will be prepared after the Town meeting and discussed in one or more GA meetings. In May/June a combined SAC/GA meeting will be planned to converge to final documents.

7. APPEC Census

Five countries were thanked for submitting their surveys (Romania, Italy, Sweden, United Kingdom and Belgium (FWO and FNRS)). Other countries were nearly ready to submit (France, Germany, Netherlands, Croatia, Switzerland, Ireland, Russia and Spain). They were urged to submit their surveys before 31 January 2016 to Kees Huyser, Henjes-Kunst and/or Linde to avoid running into difficulties with the APPEC Roadmap ambitions.

8. APPEC Project fact sheets

Hesping and De Kleuver changed the format for APPEC Project fact sheets to take into account the comments of the GA in June. The format now has its focus on the most important topics for APPEC. The proposal for the production of the fact sheet with two priority categories was

approved. Some members of the GA volunteered to collect the data for the first set of fact sheets before 1 March 2016. De Kleuver will contact them for further instructions.

9. Scientific Advisory Committee

The GA approved to extend the terms of all SAC members until the publication of the new roadmap. According to terms of reference of the SAC, every year one third of the SAC members will be renewed. GA members were invited to send the names and CVs of the people they want to nominate by 31 January 2016 to Stavros Katsanevas. Based on the 2012 list of nominations and the new people nominated, a proposal will be prepared to the GA for discussion in its next meeting. This proposal will include a list of names to be replaced in 2016, a list for 2017 and a list for 2018. It is emphasized that the main criterion for a nomination is scientific excellence and not nationality.

10. European and global issues

APIF

Seed reported on the APIF meeting on 19/20 November 2015 in Italy. The main items were the future governance/embedding of APIF and the final report that will be presented at to the OECD GSF at the end of 2016.

Follow-up global neutrino meeting

The third global neutrino meeting will be at KEK Tsukuba, Japan. Katsanevas reported that the date was not fixed yet. [JK: we now know the dates are fixed: 30/31 May 2016.] Linde and Katsanevas will represent APPEC. It is an option to volunteer as APPEC to organize a half-day session on neutrinoless double beta decay.

Follow-up Cosmology workshop in Florence

Katsanevas reported that the next CMB workshop will take place in Florence on 8/9 September 2016. After discussion it was decided to have both days a format open for all continents. A goal of the meeting could be to converge to one big initiative in space and one on the ground.

Future opportunities for APP in H2020

The workshop in Zagreb about the future work programme 2016/2017 end of September was successful. As a result, FC DESY is preparing a summary with dates and links of all upcoming calls, which can be put online at the APPEC website to help the planning of proposals of the astroparticle community.

As a direct result of the Zagreb meeting an initiative for a multi-messenger ITN was started (contact person is Tiina Suomijärvi). Other proposals (Gravitational waves, KM3NeT) are in preparation.

11. Outreach

McAvinia introduced herself as APPECs communication officer and presented her plans for the next months. A well working website is one of the highest priorities. GA members were invited to send her content for the APPEC newsletter or news releases preferable at least one week in advance.

As STFC will also take over the hosting of the APPEC website, the chairman reported that APPEC JS will seek together with our Spanish partners new APPEC related tasks for the Spanish functional center.

12. Report General Secretary

General Secretary Berghoefer presented the APPEC management report 2015. Although termination letters were received from Poland and Croatia, discussions are still on going to

convince these countries to remain member of APPEC. As long as negotiations are ongoing they have an observer status in APPEC and will not be withdrawn from the mailing lists.

Workshops and schools organized or supported by APPEC have to report to GA via a the APPEC newsletter or a specific report. An EU-T0 computing meeting will be organized in the UK in September 2016.

Bluemer suggested to strengthen the ties with the International School on Astro-Particle Physics (ISAPP). They organize two schools per year with a wide variety of APP topics. Masiero will prepare a proposal to the APPEC-JS in Spring and APPEC-GA in June 2016.

13. Workplan 2016

Report on the representation of Germany in APPEC

Bluemer reported on the German representation in APPEC. The relations in the community are complex and links are across all parties (BMBF, HGF, MPG, Universities). The financial involvement for the APPEC Functional Center was terminated by the end of 2015. Negotiations are still ongoing for support on a reduced level until Summer 2017. Bluemer hopes that in this 18 months things will change again in a better direction. Since the German effort for APPEC is well appreciated the Chairman encouraged the German partners to fight for a substantial functional center and representation. APPEC is available to discuss this with relevant German bodies if desirable.

Workplan 2016

The General Secretary presented the draft Workplan 2016, including actions, calendar and the budget 2016. As stated in the Workplan the preparation of the new APPEC roadmap has the highest priority. For that reason it was decided to postpone some events in the calendar to a later moment in 2016 to focus on the roadmap process in the coming months:

- A plan for new Common calls will be discussed by the GA in June;
- A meeting about APP infrastructure operations and common funds will be planned after the APPEC Town Meeting;
- A bridging event with Russia in Moscow was moved to October;
- To finalize the roadmap a combined SAC/GA meeting will be organized in May/June in Geneva. This is also the opportunity to discuss the relation APPEC-CERN with the new CERN management.

The idea for an International school in APP in Armenia was supported under the condition that the scientific program of this event is excellent.

It was decided to approve the Workplan 2016 including the before mentioned changes. In the next GA the schedule of workshops and events will be reiterated based on the output of the Town meeting and the new roadmap.

14. AOB

The date of the next GA will be decided by email/doodle. Location is CERN, Geneva, Switzerland.



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Action list

No.	Action	Who?	When?
	Open actions from 6th meeting		
GA6.05	Production first set of fact sheets - list incl. division of tasks - production fact sheets	De Kleuver JS/GA-members	22 January 2016 1 March 2016
GA6.10	Discussion themes for common calls in next GA	APC-FC	June 2016
GA6.12	Publication ATF brochure	DESY-FC	March2016
GA6.15	Actions to involve the eastern part of Europe in APPEC.	APPEC JS and GA	permanent
GA6.16	Nominations for new SAC members to Katsanevas	GA members	31 January 2016
GA6.17	Suggestions for revisions of the MoU to the chairman	GA members	Spring 2016
	Actions from 7th meeting		
	ROADMAP PREPARATION		
GA7.01	Website town meeting online, including draft programme	Katsanevas	13 January 2016
GA7.02	Newsletter to community to announce (website) Town meeting	McAvinia	15 January 2016
GA7.03	Suggestions for and comments on roadmap considerations to Linde, Masiero, Katsanevas	GA Members	15 February 2016
GA7.04	List of considerations available for Town meeting participants (website and/or email)	Linde, Masiero, Katsanevas	1 March 2016
GA7.05	Preparation Town Meeting: - invite speakers (and strict discussions) - invite chairs for topics from GA (to introduces considerations) - invite key note speakers	Masiero/Katsanevas Linde/Katsanevas Katsanevas	1 February 2016 1 February 2016 1 February 2016
GA7.06	Suggestions and comments on draft roadmap text to authors Linde, Masiero, Katsanevas	GA Members	1 March 2016
GA7.07	Town meeting in Paris	All	6 and 7 April 2016
GA7.08	Short GA meeting to reflect on Town meeting Doodle to fix the date	GA members De Kleuver	7 (evening) or 8 (morning) April 2016 21 January 2016
GA7.09	Roadmap drafting to final draft	Linde, Masiero, Katsanevas	1 week before GA meeting May/June
GA7.10	From considerations to draft recommendations	Linde, Masiero, Katsanevas	1 week before GA meeting May/June
GA7.11	Combined SAC/GA meeting at CERN	GA and SAC	End of May/June 2016
GA7.12	Approval of Roadmap and recommendations by GA	GA members	End of May/June 2016

No.	Action	Who?	When?
GA7.13	Full roadmap released as a glossy document incl. recommendations	Linde, McAvinia	(End of) Summer 2016
GA7.14	Deadline for still missing surveys for the census 2015	GA members France, Germany, The Netherlands, Croatia, Switzerland, Ireland, Russia and Spain	31 January 2016
GA7.15	Announcement next global neutrino meeting in Japan to GA (as soon as date is fixed)	Katsanevas	February 2016
GA7.16	Announcement website Cosmology workshop 2016 to GA/community	Katsanevas	May 2016
GA7.17	Summary calls in working programmes 2016/2017 of H2020 on the APPEC-website	Henjes-Kunst	March 2016
GA7.18	Stable APPEC-website hosted by STFC	STFC	February 2016
GA7.19	New tasks for FC LSC (Spain)	APPEC-JS	Spring 2016
GA7.20	Workshops and schools organised or supported by APPEC have to report to GA via a the APPEC newsletter or a specific report	Organisers workshops and schools	-
GA7.21	EU-T0 computing meeting in UK	Lamanna and STFC	September 2016
GA7.22	Proposal to strengthen ties APPEC and ISAPP to be discussed in - APPEC-JS and later in - APPEC-GA	Masiero	March 2016 One week before GA meeting May/June
GA7.23	Encouragement to get the German effort for APPEC back on the 2015 level	GA	2016
GA7.24	Workplan 2016 approved but some dates will change - new schedule available in JS - Bridging event Russia (October) - APP operations and common funds meeting after town meeting - int. school on computing Armenia if scientific programme is excellent - reiterate schedule of workshops after townmeeting/roadmap	Berghoefer JS Katsanevas Berghoefer GA	March 2016 End of May/June 2016
GA7.25	Combined SAC/GA meeting end of May/June in Geneva - contact CERN management - doodle to GA and SAC to fix a date	Linde De Kleuver	15 February 2016