

ICFA Neutrino Panel Phone meeting #1 26-Apr-13 13:00 UTC

London	14:00	BST	UTC+1 hour
Beijing	21:00	CST	UTC+8 hours
Chicago	08:00	CDT	UTC-5 hours
Madrid	15:00	CEST	UTC+2 hours
Mumbai	18:30	IST	UTC+5:30 hours
Padova	15:00	CEST	UTC+2 hours
Paris	15:00	CEST	UTC+2 hours
Sao Paulo	10:00	BRT	UTC-3 hours
Seoul	22:00	KST	UTC+9 hours
Tokyo	22:00	JST	UTC+9 hours
Vancouver	06:00	PDT	UTC-7 hours
Wroclaw	15:00	CEST	UTC+2 hours

Present: J. Cao, D. Duchesneau, R. Funchal, S. Geer, A. de Gouvea, S.B. Kim, K. Long, M. Maltoni, N. Mondal, M. Shiozawa, J. Sobczyk, H. Tanaka, M. Wascko, G. Zeller

Apologies: T. Kobayashi, M. Mezzetto

Notes:**1. Welcome****KL**

- Very brief, but warm, welcome to the first meeting and thanks for agreeing to take part in what we should try and make an important exercise.

2. Introductions**All**

- Each panel member introduced themselves, briefly describing their position and the work in which they are involved.
- *Note added: rather than attempt to provide a digest of my notes, I propose that we each generate a thumbnail biography for the panel WWW page when we begin to prepare it.*

3. First discussion of “aims and objectives”**All**

The notes that follow pick out “themes” from the discussion:

- Starting point for the work of the panel needs to be a review/articulation of what the neutrino-physics programme needs to achieve. The vision for the programme must encompass:
 - The headline/discovery measurements;
 - The experimental programme necessary to support the headline/discovery programme and to address the key systematic errors;
 - The R&D programme necessary to deliver the accelerator and detector technologies required to carry out the headline/discovery and necessary support programme; and
 - The development of tools, such as PYTHIA, CTEQ, GENIE etc.

The Panel must seek to articulate a vision that gives each of these areas its proper weight.

- The Panel needs to carry out a survey of what is happening now across the world and identify the near-term developments and opportunities. It has the opportunity to provide an “apples for apples” comparison of the strengths of the various programmes.
- The Neutrino Panel is an *ICFA* subject panel. This means we have a number of opportunities:
 - The Panel can “go beyond” the regional studies that have been carried out, taking an international or global perspective; and
 - *ICFA* is a panel formed from representatives of funding agencies and laboratories. So, the Panel has the opportunity to consult and advise the international funding agencies and laboratory managements.
- The Panel’s charge refers to cooperation and collaboration in the future, accelerator-based neutrino programme. The Panel therefore has the opportunity to:
 - Identify opportunities for cooperation and collaboration and the obstacles to such cooperation/collaboration;
 - Making such a statement has the corollary that the Panel should consider how obstacles it identifies can be overcome.
 - The Panel should consider the benefits of international coordination and, indeed, whether there is a case for such coordination and, if it concludes there is such a case, what are the risks implied by seeking to encourage it.
- The following stakeholders in the Panel’s work were identified:
 - Our peers in the neutrino-physics community;
 - Our peers in the wider particle- and astroparticle-physics communities;
 - The funding agencies and laboratories that through *ICFA* have given us the mandate to carry out our work; and
 - The wider physics community.
- ***We agreed that:***
 - The Panel would write Terms of Reference (ToR) for its activities and present them to the next *ICFA* meeting asking that they be endorsed;
 - Each Panel member would write a short note on what he/she would like to see in the ToR:
 - Deadline: 10May13
 - The contributions to the ToR would be assembled by KL into a coherent draft:
 - Deadline: 17May13
 - The Panel would then iterate on the ToR by email.
 - The ToR will be finalized at the next Panel phone call and be submitted to *ICFA* for consideration at its meeting on the 26Jun13.

4. Consultation and outreach

All

- We recognized the need to consult the various stakeholders identified above. The ToR would need to be finalised before the consultation begins so that we can be clear what we are trying to achieve;

- **Agreed:** a variety of input was needed to get started:
 - Documentation such as regional studies, LoIs, proposals, etc.;
 - Direct input and interaction with the community through a carefully prepared meeting in each of the three regions;
- **Agreed:** the regions should each propose how they want to organise the consultation and the consultation meeting;
- **Agreed:** important that the whole panel, as far as possible, attends each of the three regional consultation meetings.
- Communication:
 - Within the panel:
 - A drop box would be prepared by **RF** and a mailing list by **GZ**;
 - Dissemination:
 - The Panel would require a “WWW presence”: **KL** will consult R. Rubinstein (ICFA secretary);

5. Date/venue of next meeting

All

- **Agreed:**
 - KL would make a Doodle poll for a phone meeting in the week of 28May13;
- **Proposed:**
 - We recognised the benefit of a “face-to-face” meeting. It was proposed that the nuFACT workshop which will be held in China on the 19th to 24th August 2013 could be a venue.
 - MW will prepare a Doodle in which we can each indicate which of the summer conferences we plan to attend so that we can work out the best overlap for a face-to-face panel meeting.

6. Any other business

- None

Summary of actions:

- **All:** Generate a thumbnail biography for the panel WWW page;
- **All:** Write a short note on you would like to see in the ToR by 10May13;
- **KL:** Assemble a first draft of the ToR by 17May13;
- **RF:** Prepare a drop box for intra-Panel communication;
- **GZ:** Prepare a mailing list for communication among the Panel;
- **KL:** Consult R. Rubinstein (ICFA secretary) on the creation of a Panel WWW page;
- **KL:** Make a Doodle poll for a phone meeting in the week of 28May13;
- **MW:** Prepare a Doodle listing the summer conferences;