

NUFACT SPC 24 03 2016

-- We saw last time that the Working groups have well advanced their agendas. Remain WG3 and WG5 – we should hear about them.

Time for parallel sessions is more or less fixed at 15 hours total.

-- deadline for abstracts for parallel sessions talks is 1st may
– we are sending invitations around the world.

Main task today is to define speakers for

1. Round table discussion
2. Plenary session talks.

ROUND TABLE DISCUSSION

Neutrino physics with accelerators: a long term vision

Given the present situation of physics related to massive neutrinos, how do you see the future of accelerator-based neutrino physics in the medium (10-20 years) and long term, both with neutrino beams and with other accelerator based means (beam dump experiments like SHIP, high energy colliders, etc..) ?

What technical questions would you like to see the working groups address towards defining this program?

How do you see the NUFACT workshop evolve in this direction?

Suggestions for panel members (suggest 8)

Phenomenology, experiment, accelerator physics, politics

The following is a very preliminary list of suggestions, some are mine, some that were made by WG5. Others?

	phenomenology	Experiment	Accelerator	Politics
	Kayser	Kajita	Holtkamp	Bertolucci
	Hernandez	McDonald	Rivkin	Nakada
	Pascoli	Thomson	Chou	Wark
	Giudice	Golutvin	M. Palmer	Womersley
	Shaposhnikov	De Roeck		Etienvre
	De Gouvea	Halzen/Montaruli		T. Mori
	P. Huber	Shiozawa		
	Tao Han	R. Jacobsson		
		G. Di Lellis		

Plenary program

Issues:

1. many plenaries, time reduced to 20 minutes each.
 - reduce number of talks
 - or
 - start at 8:00?
2. Position of round table w.r.t. the presentation of working group plans?
3. Proposals for speakers? Let's fill the table below!

Monday 22 August

08:30

WELCOME SESSION

Tuesday 23 August

08:30

8:30 Status and prospects for multi MW accelerators
8:50 towards high power neutrino beams

9:10 neutrino beams optimization for Physics

9:30 Towards high precision neutrino beams

Wednesday 24 August

08:30

The HyperK experiment

The DUNE experiment

LBL systematic errors

Status of neutrino scattering physics

Thursday 25 August

08:30

mass models, RH neutrinos

eV sterile neutrinos

RH neutrino searches at HI/HE frontier

muons and FCNCs

Friday 26 August

08:30

Is the Higgs giving neutrinos a mass?

Leptogenesis

Precision required for the PMNS matrix and other neutrino parameters

NUSTORM

Saturday 27 August

08:30

WG1 summary

WG2 summary

WG3 summary

10:00-10:30 Coffee

10:30 introduction by chair of SPC, NUFACT questions
10:50 neutrino physics for the XXI century: the big questions

11:20 The neutrino experimental program of the next 20 years

discussion

10:00-10:30 Coffee

10:30-12:00 WG sessions

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10:30-12:00 WG sessions

10:00-10:30 Coffee

WG4 summary

WG5 summary

proceedings, presentation of nufact17

Workshop summary and questions for nufact17

12:00 -13:30 Lunch

13:30 13:45 WG1 questions and plans
13:45 14:00 WG2 questions and plans
14:00-14:15 WG3 questions and plans
14:15-14:30 WG4 questions and plans
14:30-14:50 WG5 presentation, questions and plans

12:00 -13:30 Lunch

13:30-15:00 WG sessions

12:30 -14:00 Lunch

EXCURSION

12:00 -13:30 Lunch

13:30-15:00 WG sessions

12:00 -13:30 Lunch /SPC lunch

13:30-15:00 WG sessions

12:30 -14:00 Lunch

15:00-15:30 coffee break

15:00-15:30 coffee break

15:00-15:30 coffee break

15:00-15:30 coffee break

15h30-16h30 round table discussion

16h45-18h15 WG sessions

DUNE detector R&D
photo sensor R&D
T2K upgrades

15:30-17:00 WG sessions

15:30-17:00 WG sessions

18:30 - 20:00 Welcome cocktail + Dinner at ICISE

17:00-18:30 happy hour with posters

17:00 - 21:00 posters and conference dinner

preparations of summaries

MONDAY 22 August

10:30 introduction by chair of SPC, NUFACT questions
KOBAYASHI

10:50 neutrino physics for the XXI century: the big questions

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WG2 summary

WG3 summary

10:00-10:30 Coffee

WG4 summary

WG5 summary

proceedings, presentation of nufact17 in Europe.

Workshop summary and questions for nufact17