

# NuFact 2019

Daegu, Republic of Korea

AUG 26 - 31, 2019

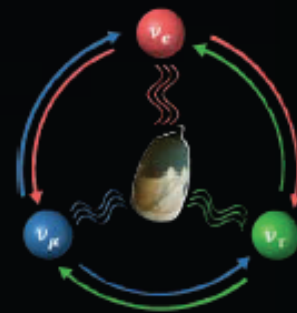
The 21st International Workshop on Neutrinos from Accelerators

## Report from the SPC Chair

Un-Ki Yang

Seoul National University

NuFact 2019 SPC Meeting, Jan. 24, 2019



Kyungpook National University  
Center for High Energy Physics

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Mt. Seol, photo provided by Daegu metropolitan city

# Science Program

- 6 days program: Aug. 26~31
  - Plenary talks: morning sessions ( 5 days )  
summary sessions ( 1 day )
  - Parallel talks: afternoon sessions ( 5 days )  
5 working groups
- Any special program session on 25<sup>th</sup> (Sunday)?  
like nuStorm program in NuFact2018
- We need to finalize conveners for 5 working groups  
and SPC members

# WG conveners

- Working Group Conveners				
	2019	2018	2017	2016
<b>WG1</b>	<b>Jianming Bian (3)</b>	<b>Jianming Bian</b>	<b>J. Bian</b>	
<b>Neutrino Oscillations</b>	<b>Miao He (3)</b>	<b>Miao He</b>	<b>M. He</b>	
	<b>Neill, McCauley (2)</b>	<b>Neill, McCauley</b>		
			<b>F. Di Lodovico</b>	<b>Francesca Di Lodovico</b>
				<b>Alex Himmel</b>
<b>WG2</b>	<b>Natellie Jachowicz (2)</b>	<b>Natellie Jachowicz</b>		
<b>Neutrino Scattering P</b>	<b>Akihiro Minamino (2)</b>	<b>Akihiro Minamino</b>	<b>A. Minamino</b>	
		<b>Gabriel Perdue</b>	<b>G. Perdue</b>	<b>Gabriel Perdue</b>
			<b>M. Martini</b>	<b>Marco Martini</b>
				<b>Hide Tanaka</b>
<b>WG3</b>	<b>Mamad Eshraqi (2)</b>	<b>Mamad Eshraqi</b>		
<b>Accelerator Physics</b>	<b>Tetsuro Sekiguchi (3)</b>	<b>Tetsuro Sekiguchi</b>	<b>T. Sekiguchi</b>	
		<b>Ben Freemire</b>	<b>B. Freemire</b>	<b>Ben Freemire</b>
			<b>C. Densham</b>	<b>Chris Densham</b>
				<b>Jingyu Tang</b>
<b>WG4</b>	<b>Frederik Wauters (2)</b>	<b>Frederik Wauters</b>		
<b>Muon Physics</b>	<b>Myongjae Lee (3)</b>	<b>Myongjae Lee</b>	<b>M. J. Lee</b>	
		<b>Craig Group</b>	<b>R. Craig Group</b>	<b>Robert Craig Group</b>
			<b>A. Papa</b>	<b>Angela Papa</b>
				<b>Hai-Bo Li</b>
<b>WG5</b>	<b>Pedro Machado (2)</b>	<b>Pedro Machado</b>		
<b>Neutrinos beyond PMNS</b>		<b>Sanjib Agarwalla</b>	<b>S. Kumar Agarwalla</b>	<b>Sanjib Kumar Agarwalla</b>
<b>(started since 2016)</b>		<b>Walter Bonivento</b>	<b>W. M. Bonivento</b>	<b>W. M. Bonivento</b>
			<b>P. Coloma</b>	<b>Pilar Coloma</b>



# WG1: Neutrino oscillations

## ➤ WG conveners

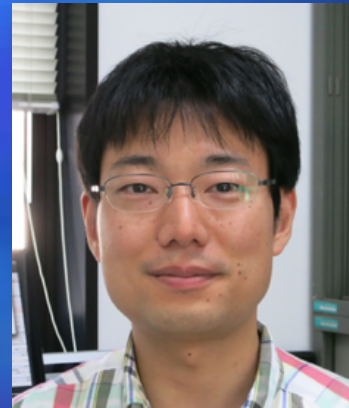
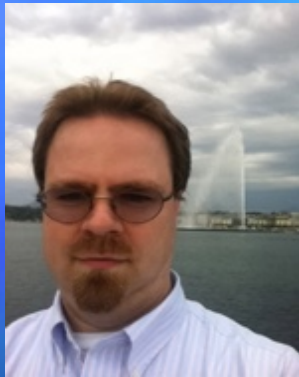
- Jianming Bian (3, UC Irvine)
- Mia He (3, ICHEP: Daybaya, JUNO)
- Neil McCauley (2: Liverpool)



- No need to find new convener

# WG2: Neutrino Scattering physics

- **Gabriel Perdue** (out, FNAL)
- Natalie Jachowicz (2, Ghent): theorist
- **Akihiro Minamino** (2, Yokohama)

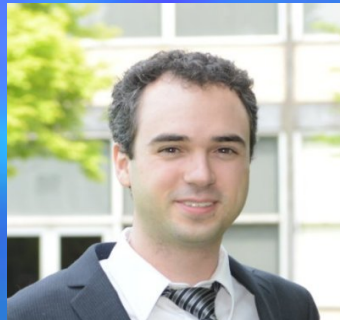


- New candidate: Adi Ashkenazi (MIT, MicroBooNE & co-spokesperson of Jlab electron experiment)
- A. Minamino doesn't appear to be interesting in continue to serve, we need to find another convener from



# WG3: Accelerator

- Mamad Eshraqi (2, ESS, Sweden)
- **Ben Freemire** (out, Illinois Inst. of tech)
- Tetsuro Sekiguchi (3, KEK)



- New convener: Robert Zwaska (Fermilab), deeply involved in LBNF work including beam-line design



# WG4: Muon

- **Robert Craig** Group (out, Virginia/FNAL)
- Myongjae Lee (3, IBS)
- Frederik Wauters (2, Mainz)



- New candidate: looking for someone g-2 experiment at Fermilab?



# WG5: Neutrino beyond PMNS

- **Sanjib Kumar Agarwalla** (Out, Inst. Of Phys., Bhubaneswar)
- **Walter Marcello Bonivento** (out, INFN Cagliari)
- Pedro Machado (2<sup>nd</sup>, FNAL)



## ➤ New convener

- Bhupal Dev (Ass. Prof @ Washington Univ.):  
origin of neutrino mass, heavy Majorana neutrinos at LHC
- Carsten Rott (Prof @SKKU, Korea):  
BSM convener at IceCube





# SPC members

## Scientific Program Committee

Alain Blondel, University of Geneva, Switzerland  
 Alex Bogacz, JLAB, USA  
 Stefania Bordini, CERN Switzerland  
 Alan Bross, FNAL, USA  
 Helio da Motta, CBPF Brazil  
 Albert De Roeck, CERN Switzerland  
 Chris Densham, STFC, UK  
 Francesca Di Lodovico, Queen Mary University, UK  
 Marcos Dracos, IN2P3, France  
 Tord Ekelöf, Uppsala University, Sweden  
 Maury Goodman, ANL, USA  
 Deborah Harris, FNAL, USA  
 Patrick Huber, Virginia Tech, USA  
 Ernesto Kemp, UNICAMP, Brazil  
 Takashi Kobayashi, KEK, Japan  
 Tadashi Koseki, KEK, Japan  
 Yoshi Kuno, Osaka University, Japan  
 Ken Long, Imperial College, UK  
 Marco Martini  
 Jorge Morfin, FNAL, USA  
 Tsuyoshi Nakaya, Kyoto University, Japan  
 Jeff Nelson, College of William & Mary, USA  
 Vitorio Palladino, INFN Napoli, Italy  
 Angela Papa, PSI, Switzerland  
 Ewa Rondio, CERN, Switzerland  
 Paul Soler, University of Glasgow, UK  
 Hirohisa Tanaka, University of Toronto, Canada  
 Francesco Terranova, University Milano-Bicocca, Italy

2018	2017	2016
28	23	30
Alain Blondel	A. Blondel	Alain Blondel
Alex Bogacz	A. Bogacz	Alex Bogacz
Alan Bross	A. Bross	Alan Bross
Marcos Dracos	M. Dracos	Marcos Dracos
Maury Goodman	M. Goodman	Maury Goodman
Deborah Harris	D. Harris	Deborah Harris
Patrick Huber	P. Huber	Patrick Huber
Yoshi Kuno	Y. Kuno	Yoshitaka Kuno
Ken Long	K. Long	Kenneth Long
Jorge Morfin	J. Morfin	Jorge Morfin
Jeff Nelson	J. Nelson	Jeffrey Nelson
Vitorio Palladino	V. Palladino	Vittorio Palladino
Paul Soler	P. Soler	Paul Soler
Francesco Terranova	F. Terranova	Francesco Terranova
Helio da Motta	H. da Motta	Helio de Motta
Ernesto Kemp	E. Kemp	Ernesto Kemp
Takashi Kobayashi	T. Kobayashi	Takashi Kobayashi
Tadashi Koseki	T. Koseki	Tadashi Koseki
Tsuyoshi Nakaya	T. Nakaya	Tsuyoshi Nakaya
Hirohisa Tanaka	H.A. Tanaka	
Tord Ekelöf	T. Ekelöf	
Stefania Bordini		
Albert De Roeck		
Chris Densham *		
Francesca Di Lodovico *		
Marco Martini *		
Angela Papa *		
Ewa Rondio		
	T. Hasegawa	Takuya Hasegawa
7 new members	M. Olvegård	
4 from leaving conveners		Anselmo Cervera
		Stephen Geer
		Naba Mondal
		James Strait
		Y.F. Wang
		Craig Moore
		Jacques Dumarchez
		André Rubbia
		Masato Shiozawa
		Trần Thanh Vân

# New SPC members

- 5 outgoing conveners who can be SPC members
  - Gabriel Pedue (WG2, yes if needed, no longer in neutrino)
  - Ben Freemire (WG3)
  - Craig Group (WG4)
  - Sanjib Agarwalla (WG5)
  - Walter Bonivento (WG5)
- Propose two additional candidates from Korea
  - Shinkyu Kang (Seoul Tech.): theorists in BSM neutrinos
  - Un-ki Yang (Seoul Nat' Univ.): neutrino cross section  
Majorana neutrino at LHC
- Plan to finalize the WG conveners and SPC members by Feb. 10

