

# Fifth MPD IB Meeting

JINR, April 23, 2020

Itzhak Tserruya

# MoU

- ❑ At the last Collaboration Meeting in October 2019, in Warsaw, it was decided in coordination with Vice-Director Kekelidze and Spokesperson Kisiel, that I would start a focused effort toward the realization of the MoUs.
- ❑ Most groups participating in the MPD experiment were contacted. Very good progress has been achieved.
- ❑ Slow down during the past ~2 months due to the current situation.

# MoU

<b>Country</b>	<b>Institution</b>	<b>Group Leader</b>	<b>MoU</b>	
Armenia	A.Alikhanyan National Lab of Armenia	Hovik Grigorian	Not started	
Azerbaijan	National Nuclear Research Center, Baku	Anar Rustamov	<b>Pending Signature</b>	
Bulgaria	University of Plovdiv	Vanio Tcholakov	<b>Signed</b>	
Chile	U. Tecnica Federico Santa Maria, Valparaiso	Serguei Kuleshov	MPD participation unclear	
China	Central China Normal University	Feng Liu	Not started	
China	Huzhou University	Fuqiang Wang		
China	University of Chinese Academy of Sciences	Mei Huang		
China	Institute of Modern Physics of the CAS, Lanzhou	Chengxin Zhao		
China	Shandong University	Qinghua Xu		
China	Fudan University	Deqing Fang		
China	Three Gorges University	Shengqin Feng		
China	Tsinghua U., Beijing	Yi Wang		
China	University of South China	Xiaodong Wang		
China	USTC, Hefei	Zebo Tang		
Czech Republic	Nuclear Physics Institute CAS	Andrej Kugler		<b>Pending Signature</b>
Czech Republic	Palacky U., Olomouc	Miroslav Maslan		<b>Pending Signature</b>
Georgia	Tbilisi State University, Tbilisi	Revaz Shanidze	Not started	
Mexico	Mexico Consortium - 6 Institutions	Alejandro Ayala	<b>Signed</b>	

# MoU (II)

<b>Country</b>	<b>Institution</b>	<b>Group Leader</b>	<b>MoU</b>
Moldova	Inst. of Applied Physics, Chisinev	Mircea Baznat	Not started
Poland	Jan Kochanowski University	Maciej Rybczinski	<b>Signed</b>
Poland	National Center for Nuclear Reseach, Otwock – Swierk	Marcin Bielewicz	<b>Signed</b>
Poland	University of Warsaw	Tomasz Matulewicz	<b>Signed</b>
Poland	Warsaw University of Technology, Warsaw	Adam Kisiel	<b>Signed</b>
Poland	University of Wroclaw	David Blaschke	<b>Signed</b>
Russia	Belgorod National Research University	Kristina Vokhmyanina	<b>Pending Signature</b>
Russia	INR RAS, Moscow	Alexander Ivashkin	<b>Signed</b>
Russia	JINR, Dubna		No Need
Russia	Kurchatov Inst. NRC, Moscow	Dmitri Blau	In progress
Russia	MEPhI, Moscow	Arkadiy Taranenko	In progress
Russia	Moscow Institute of Physics and Technology	Tagir Aushev	<b>Pending Signature</b>
Russia	North Ossetian State University, Vladikavkaz	Nelli Pukhaeva	In progress
Russia	NRC "Kurchatov Institute" - ITEP, Moscow	Viacheslav Kulikov	<b>Pending Signature</b>
Russia	PNPI, Gatchina	Oleg fedin	In progress
Russia	SINP, Moscow State University	Michael Merkin	<b>Signed</b>
Russia	St. Petersburg State University	Grigory Feofilov	In progress

# MoU

Summary April 23, 2020

❖ Negotiations engaged with most MPD groups:

- 9 signed
- 6 pending signature
- 5 in progress
- 4 (+10 China) not started

❖ The signed MoUs are posted on the MPD website:

<http://mpd.jinr.ru/experiment/> → Collaboration → MPD MoUs

The page is intended for IB members only. Please ask Natasha for the password.

# Guidelines for the Common Fund

Following endorsement at the last IB meeting of the general guidelines for the establishment of the CF, a committee, convened by myself and composed of representatives from MPD (A. Kisiel, F. Wang, S. Golovatyuk, A. Sorin) and from BM@N (M. Kapishin, H-R Schmidt, P. Senger, A. Taranenko, T. Aushev, Y. Potrebenikov) has discussed and decided on the following scheme for the implementation of these guidelines:

- Only members of the author list who received their PhD more than 5 years ago are counted as eligible paying members for the CF.
- Saturation level = 5, i.e. the contribution shall be proportional to the number of eligible paying members, up to a maximum of 5 paying members.
- If an institution cannot pay in cash its contribution to the CF, in-kind contribution shall be allowed. For example, one month of service work at JINR by a PhD student (post-doc/technician/engineer) shall be counted as a contribution of 50,000 (75,000) Rubles to the CF.
- In exceptional cases, the IB could adjust the number of eligible paying members of an institution.

# CF

All group leaders were asked to provide information about the number of eligible paying members for the CF in their group

Status on April 23, 2020:

- 30 groups provided the requested information
- 5 groups information still missing after repeated requests

# CF

<b>Country</b>	<b>Institution</b>	<b>Group Leader</b>	<b>Group size</b>	<b>Eligible for CF</b>
Armenia	A.Alikhanyan National Lab of Armenia	Hovik Grigorian	<b>4</b>	<b>2</b>
Azerbaijan	National Nuclear Research Center, Baku	Anar Rustamov	<b>3</b>	<b>1</b>
Bulgaria	University of Plovdiv	Vanio Tcholakov	<b>7</b>	<b>1</b>
Chile	U. Tecnica Federico Santa Maria, Valparaiso	Serguei Kuleshov	<b>8</b>	
China	Central China Normal University	Feng Liu	<b>3</b>	
China	Huzhou University	Fuqiang Wang	<b>3</b>	<b>3</b>
China	University of Chinese Academy of Sciences	Mei Huang	<b>2</b>	<b>1</b>
China	Institute of Modern Physics, CAS, Lanzhou	Chengxin Zhao	<b>11</b>	<b>2</b>
China	Shandong University	Qinghua Xu	<b>4</b>	<b>5</b>
China	Fudan University	Deqing Fang	<b>4</b>	<b>3</b>
China	Three Gorges University	Shengqin Feng	<b>4</b>	
China	Tsinghua U., Beijing	Yi Wang	<b>13</b>	<b>5</b>
China	University of South China	Xiaodong Wang	<b>6</b>	<b>1</b>
China	USTC, Hefei	Zebo Tang	<b>9</b>	<b>2</b>
Czech Republic	Nuclear Physics Institute CAS	Andrej Kugler	<b>6</b>	<b>2</b>
Czech Republic	Palacky U., Olomouc	Miroslav Maslan	<b>4</b>	<b>3</b>
Georgia	Tbilisi State University, Tbilisi	Revaz Shanidze	<b>6</b>	<b>4</b>
Mexico	Mexico Consortium - 6 institutons	Alejandro Ayala	<b>21</b>	<b>5</b>
Moldova	Inst. of Applied Physics, Chisinev	Mircea Baznat	<b>3</b>	



# CF

<b>Country</b>	<b>Institution</b>	<b>Group Leader</b>	<b>Group size</b>	<b>Eligible for CF</b>
Poland	Jan Kochanowski University	Maciej Rybczinski	<b>4</b>	<b>4</b>
Poland	National Center for Nuclear Reseach, Otwock, Swierk	Marcin Bielewicz	<b>16</b>	<b>5</b>
Poland	University of Warsaw	Tomasz Matulewicz	<b>5</b>	<b>4</b>
Poland	Warsaw University of Technology, Warsaw	Adam Kisiel	<b>19</b>	<b>5</b>
Poland	University of Wroclaw	David Blaschke	<b>5</b>	<b>2</b>
Russia	Belgorod National Research University	Kristina Vokhmyanina	<b>4</b>	<b>2</b>
Russia	INR RAS, Moscow	Alexander Ivashkin	<b>10</b>	<b>5</b>
Russia	JINR, Dubna			<b>5</b>
Russia	Kurchatov Inst. NRC, Moscow	Dmitri Blau	<b>2</b>	<b>2</b>
Russia	MEPhI, Moscow	Arkadiy Taranenko	<b>16</b>	<b>5</b>
Russia	Moscow Institute of Physics and Technology	Tagir Aushev	<b>1</b>	<b>1</b>
Russia	North Ossetian State University, Vladikavkaz	Nelli Pukhaeva	<b>7</b>	
Russia	NRC "Kurchatov Institute" - ITEP, Moscow	Viacheslav Kulikov	<b>4</b>	<b>4</b>
Russia	PNPI, Gatchina	Oleg fedin	<b>21</b>	<b>5</b>
Russia	SINP, Moscow State University	Michael Merkin	<b>24</b>	<b>5</b>
Russia	St. Petersburg State University	Grigory Feofilov	<b>33</b>	<b>5</b>
<b>TOTAL</b>				<b>102</b>

# Next steps

- EC / IB
  - When to start implementing the CF
  - Budget, conversion factor of in-kind contribution
  
- Spokesperson A. Kisiel /Project Manager S. Golovatyuk: establish a list of tasks that are suitable for in-kind contributions
  
- JINR establish account and procedures for money transfer to the CF
  
- Discuss with each group whether they will contribute cash or in-kind