

21st NMI Directors and State Representative meeting

Introduction to the Session

Takashi USUDA

(Secretary of CIPM and Mentor to the Co-Chairs of the meeting)

Bureau
| **I**nternational des
| **P**oids et
| **M**esures



Past meetings and its topics

- ◆ 2020: (Canceled) CIPM information session, Chaired by CIPM President
- ◆ 2019: Follow-up of CGPM, SI redefinition (20th), Chaired by Maguelonne Chambon (Euramet)
- ◆ 2018: CGPM (No NMI Directors meeting)
- ◆ 2017: CGPM Draft Decision (19th), Chaired by Alan Steele (SIM)
- ◆ 2016: CC activities (18th)
Chaired by Brian Bowsher
(Euramet)



Organizing committee (APMP)

- ◆ NMI Directors meeting in 2021 is prepared by those three chairs from KRISS, NIM and NMIJ in APMP. They had preparatory meetings for several times to discuss the agenda items, timeline to the meeting, survey information.



Chair
Dr. PARK Yon-Kyu
KRISS



Co-Chair
Dr. YANG Ping
NIM



Co-Chair
Dr. AKOSHIMA Megumi
NMIJ

Possible topics at 2021 meeting

- ◆ CGPM Draft Decision

- ◆ COVID-19

- Management under stay-at-home
- Remote peer review
- How the pandemic affects future work plan of NMI

- ◆ Digital SI

- ◆ Implementation of new definition of SI

- ◆ Lab visit at the BIPM

Survey on the impact of Covid-19 to NMI activities

English (United States) ▾

Questionnaire on Impact of COVID-19 Pandemic

The pandemic caused by the novel coronavirus infectious disease has had a great impact on the world. The activities of NMIs have also been affected by COVID-19. In this survey, we would like to collect information about the impact caused by the pandemic so far and the foreseeable effect it will have on the activities and challenges of NMIs going forward in the post-pandemic world. We hope that this survey will provide insight for future NMI activities, inconsideration of future pandemics and disaster preparedness. The results of this survey will be reported at the Workshop of NMI Directors' Meeting 2021 in October.

We are sorry for the short notice, but we kindly ask that you submit your responses to this questionnaire by **10 September 2021** (extended from 30 August 2021). The same questionnaire is provided by a webform (<https://forms.office.com/r/HSKJv8gEX>) and by an Excel file. You may submit either way. If you submit by excel file, please email to M-directors-meeting-survey-ml@aist.go.jp. If you have any questions, please also send a message to the e-mail address above.

The answers on this questionnaire will be used only for the NMI Directors' Meeting. It will be analyzed statistically using a method which does not identify individuals.

Questionnaire on Impact of COVID-19 Pandemic

About the influence of the pandemic (2/8) : situation

The situation surrounding the coronavirus pandemic changes from moment to moment. Considering the circumstances, please answer the following questions from 6 to 8, assuming the worst situation so far.

6. When did y

Questionnaire on Impact of COVID-19 Pandemic

Chose the

About the influence of the pandemic (3/8) : activities of your overall institute

Please answer the following questions about the activities of your overall institute. If you answered that there were impacts on question 7,

7. What perce
pandemic e
Your overal

9. About staff attendance, please answer priorities if your institute set priorities of staff attendance.

a) Staff att

	1st (High)	2nd	3rd	4th (Low)	No priority
Research staff	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Calibration staff	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Maintenance/supporting staff	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Administrative staff	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

What was advised by the CIPM and NMI Directors

- Workshop style: in person, on line, hybrid
- Other topics to be included
 - CIPM strategy
 - Feedback from SR-WG Chair concerning the governance
 - Preparation for the CGPM
- Communication with WG-SR
- Proposal of possible topic from NMIs to the first draft agenda circulated in early August

Program (Webinar style, please put your messages by chat)

Day 1

11:00 to 12:00 – Reporting from the CIPM, BIPM and SR-WG	
Chairperson: Dr. Ping YANG – NIM	
11:00-11:05	● Introduction to the session (Takashi USUDA - CIPM Secretary)
11:05-11:25	● Report from the CIPM (Wynand Louw - CIPM President)
11:25-11:45	● Report from the BIPM (Martin Milton - BIPM Director)
11:45-12:00	● Feedback from State Representatives Working Group (Robert Gunn and Daniela Arruda Benjamin - SR-WG Chairs)
12:00 to 13:00 – SI redefinition, Now and Future	
Chairperson: Dr. Yon-Kyu PARK – KRISS	
12:00-12:15	● Progress in the realization of the new definition of the kilogram (Michael Stock – BIPM)
12:15-12:35	● Quantum-based standards and trends in dissemination
12:35-12:45	(Barbara Goldstein – NIST)
12:45-13:00	● Towards a new definition of the second (Noël Dimarcq – CCTF President)
	● Discussion

Day 2

11:00 to 13:00 – COVID-19	
Chairperson: Dr. Megumi AKOSHIMA – NMIJ	
11:00-11:05	● Introduction of the session (Megumi AKOSHIMA – NMIJ)
11:05-11:30	● Report of survey on the Pandemic impact to NMI activities (Megumi AKOSHIMA – NMIJ)
11:30-11:50	● Online Peer Review during COVID-19 Pandemic – Activities and Experience from APMP- (Ping YANG – NIM and Kazuaki YAMAZAWA – NMIJ)
11:50-12:00	
12:00-12:20	● Discussion
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12:20-12:45	● Metrology for Economic Recovery from the Pandemic (Peter Thompson - NPL)
12:45-12:55	● Accreditation during a pandemic (Erik Øhlenschläger – ILAC)
12:55-13:00	● Discussion
	● Summary of the meeting including Day 1 (Yon-Kyu PARK – KRISS)