

# Minutes IUPAP WG9 AGM 2023

## Avignon, June 3<sup>rd</sup>, 2023

**Members present in person:** Angela Bracco (chair), Iris Dillmann (secretary), Bob Tribble (past chair), Marek Lewitowicz (NUPECC), Ani Aprahamiam (Chair C12), Thomas Glasmacher, Navin Alahari (WG16 representative), Hiro Sakurai, Byungsik Hong (ANPhA), Diego Bettoni (C12), Eberhard Widmann (C12 Secretary), Maria Borge (C12 Vice Chair), Tord Johannson (C12), Mathis Wideking (C12), Fanny Farget (C12), Tomofumi Nagae (C12), Yoon Jin-He (C12), Dave Lunney (local conference host).

**Members remote:** Rudzani Nemitudi (iThemba labs), Naohito Saito, Paolo Giubellino, Sean Freeman, Seung-Woo Hong, Gail Dodge (NSAC), Haiyan Gao, Alinka Lepine-Szily (ALAFNA), Elizabeth McCutchan (NNDC), Nigel Smith

Minutes prepared by Iris Dillmann.

Meeting webpage with slides: <https://indico.triumf.ca/event/420/timetable/#20230603.detailed>

- 1) Approval of minutes from last meeting 2022 (SURA headquarter in Washington, DC) – minutes approved. Minutes can be found at <https://wg9.triumf.ca/minutes.html>
- 2) Outcome of the Nuclear Science Symposium 2022: The meeting was seen as very useful, with focus on the EIC and  $0\nu\beta\beta$  efforts. The discussions between different funding agencies were very good. Two in-camera meetings were held with Tim Hallman (US DOE Associate Director of Science for Nuclear Physics), e.g. a discussion of very large projects in context of strategies with various funding agencies. The Italian members remarked that this was the begin of a closer collaboration with the USA.
- 3) Update of WG9 webpages (<https://wg9.triumf.ca>): Please send links for NUPECC, NSAC, ALAFNA, ANPhA content etc. to Iris Dillmann to include on webpage. Iris will send a reminder email.
- 4) List of members, updates: The new director of iThemba Labs is Makondelele Victor Tshivhase as of June 2023. The iThemba Labs report today will be given by Rudzani Nemitudi.
- 5) Update on Report 41 (available at [https://wg9.triumf.ca/pdfs/Report41/IUPAP\\_WG9\\_Report\\_41-FINAL2023-comp.pdf](https://wg9.triumf.ca/pdfs/Report41/IUPAP_WG9_Report_41-FINAL2023-comp.pdf)): The new version has been transferred to Latex and will be sent out to WG9 members soon for last checks. A few paper copies will be printed upon request (separate email follows) and distributed (*Note added later: 100 copies have been printed, 50 for WG9 members and 50 for C12 members for distribution. These hardcopies will be distributed during the next AGM and sent to members who requested a copy and cannot come.*)
- 6) News from the IUPAP Council:
  - The new IUPAP president designate, Silvina Ponce-Dawson, follows the working groups closely. Her vision for IUPAP can be found on this Online Colloquium on Youtube (<https://www.youtube.com/watch?v=BCOhfUiHLsk>). She discussed 8 topics for IUPAP, including AI and Quantum Science. 2025 will be the Year of Quantum Science, with Mexico chairing and the American Physical Society (APS) driving the topics.

- [WG16 \(Physics and Industry\)](#) has a new chair, Christoph Rossell. Navin Alahari (GANIL) has been asked by WG9 to act as our representative in this WG (see presentation)
- 7) Next Report 41 update should contain a few new sections, e.g. a survey about issues in Open science, Open data, Equal opportunities. Preparation to start working on this updated content will start late 2024/ early 2025.
  - 8) The WG9 report to the General Assembly (October 2023) will be prepared in June 2023 and submitted.
  - 9) The Committee On Data (CODATA) General Assembly will be in October 2023. The recordings can be found here: <https://codata.org/events/general-assembly/general-assembly-2023/>  
CODATA exists to promote global collaboration to improve the availability and usability of data for all areas of research. There will be a Call for Task Group Proposals (<https://codata.org/call-for-proposals-codata-tasks-group-2023-2027-deadline-27-june-2023/>) to be presented and approved by the 33<sup>rd</sup> General Assembly. If there are ideas, please email WG9.
  - 10) Location for next AGM in 2024: The candidates are the Alikhanyan National Science Laboratory in Yerevan/ Armenia (hosted by Ani Aprahamian) and TRIUMF in Vancouver/ Canada (hosted by Nigel Smith and Iris Dillmann).  
Armenia is not yet a member of IUPAP. A meeting at the Science Academy would be a good opportunity to showcase the science in Armenia. The AGM 2024 would be 1.5 days long and contain more talks about major facilities, the nuclear science in Armenia, as well as a lab visit of the National Science Institute.

In light of this it was discussed to postpone the scheduled Nuclear Science Symposium to 2025 and possibly connect it with the INPC2025, to be hosted by the Institute for Basic Science (IBS) in Daejeon in South Korea. More discussions will follow during the next AGM in 2024.

*(Remark: Due to the ongoing conflict between Armenia and Azerbaijan it was later decided to move the AGM 2024 to Vancouver/ Canada. We hope to be able to schedule an AGM in Armenia at a later stage.)*

- 11) On June 5<sup>th</sup>, 2023 there will be a 24h livestream from the International Year of Basic Sciences for Sustainable Development (IYBSSD):  
<https://www.iybssd2022.org/en/home-24-hour-online/>
- 12) WG16 report by Navin Alahari ([see slides](#) for more details):  
WG16 (<https://iupap.org/who-we-are/internal-organization/working-groups/wg16-physics-and-industry/>) was established in 2020. The Mission/ Mandate is:
  - To explore expanding the involvement of the Physics Community outside Academia, in particular Industry towards activities of IUPAP
  - Identify mechanisms for the involvement of Multinational Corporations, Small and Medium Size Companies and Startups.
  - To co-organize/sponsor (in partnership with other commissions and WGs) suitable international meetings, workshops and prizes.

The WG has established “Corporate Associate Members” (CAMs, <https://iupap-corporate-associate-members.web.cern.ch/>) which are commercial companies or international research organizations

with special relationship to scientific research. The membership fee is 2420 Euros/ year but members do not have voting rights. Members are allowed to participate in the General Assembly through their official delegates and are entitled to make nominations. The WG has so far met every 2 months.

WG16 is searching for new CAMs and e.g. several WG9 and C12 members have been contacted, as well as companies. Any suggestions?

13) IUPAP C12 report by Ani Aprahamian ([see slides](#)):

IUPAP Conference Endorsement: Only one conference application was rejected (from Azerbaijan due to the missing “free circulation of scientists”). For the Young Scientist Prize, last awarded 2022 during the INPC conference in Cape Town/ South Africa, the criterium was 8 years max. after PhD (including career break). The YSP2022 winners were Carlo Bruno, Ronald Fernando Garcia Ruiz, and Volodymyr Vovchenko: <https://iupap.org/who-we-are/internal-organization/commissions/c12-commission-on-nuclear-physics/c12-news/>

The next YSP2025 winners should be scheduled to give talks at the INPC2025 – the organizers are aware of this.

14) Talks by WG9 members and other invited guests. The following remarks are from notable discussions and not a summary of all the talks given.

- Hiro Sakurai: The president of RIKEN asked if for the RIKEN Upgrade Project a review/ evaluation by the international community (WG9) is possible. Answer by Bob Tibble: RIKEN is a “regional” (Japanese) facility. The report from 2008 was never intended to be a review of the facilities, WG9 is hesitant to do such activities but single members could be approached. Such a review could be done for international facilities (e.g. CERN, FAIR, maybe EIC).

-----End of minutes