



TARA

TRIUMF Alumni & Retiree Association
4004 Wesbrook Mail
Vancouver, B.C. V6T 1A3

19 September 2019

TARA Annual General Meeting, 19th September 2019

TARA Executives present: Jean-Michel Poutissou, Roy Moore, Corrie Kost, Andy Hurst, Mike Brigham, Nicole Bienvenu.

Attended by about 39 TARA members.

Notes taken by Nicole Bienvenu.

The meeting was held in the TRIUMF auditorium starting at 15:30 (following the photo gathering in the TRIUMF lobby and tour of the facility's).

Meeting notes from the 2018 AGM

The minutes from AGM 2018 were distributed for review. Nicole Bienvenu moved to approve the minutes. The motion was seconded by Leena Leppanen. Motion carried.

No date was suggested for the next AGM at the time of the meeting.

Report from TARA Chair

Jean-Michel announced that it would be his last year as chair of TARA.

Jean-Michel commented on:

- TARA's mandate review. What we would like to change in the mandate and improve.
- 3 Executive meetings - main issues:
 - Web services support (Davis Swan)
 - Meeting with HR head (Ian Doyle)
 - BOM Changes. Any impact on TARA.
 - Video linkage problems. Challenging for out of the area members on the board connecting.
- 20th ISAC operation anniversary (Paul Schmor). Celebration of the facility and operation of ISAC.
- 40th TRIUMF-Nordion-BWXT anniversary (Jerry Porter).
- 10th TARA anniversary for two members that have been on the Executive Committee since day one: Roy Moore and Corrie Kost.

Jean-Michel pointed out what the benefits were to the members which was written in September of 2014. He also mentioned how TRIUMF would benefit from TARA by helping in the community. TARA members would be giving tours of the facility, giving talks and presentations to schools, and volunteer at conventions. Knowledge base to mentor new hires and helping in respective areas of expertise and problem solving.

The information on all the benefits are located on TARA's website.

Another area that needs more exploring is the presence on social media for TARA. Nicole showed interest in helping out in this area.

Report on TARA Membership

- Tenth anniversary of TARA, established in 2009, with its first meeting held in December 2009.
- Roy Moore reported that there are 157 active TARA members. The list is available on TARA's website. There are 10 new members of TARA for 2019.

Nomination and selection of new TARA Executives for 2020

Fred Jones, committee member; Nicole Bienvenu, secretary; Andrew Daviel, consultant on computing. We were reminded that Jean-Michel would be serving one last year as chairperson of TARA. Next chairperson should have similar qualifications as the current chairperson.

40th TRIUMF-Nordion-BWXT anniversary

Jerry Porter presented a brief history on the relationship with and the work that involved AECL, which became Nordion, and is now BWXT.

- From the construction of the Radiochemical Annex (RCA-1) construction in late 1979 to the CP42 installation and commissioning in 1983.
- The first commercial shipment of nuclear medicine was in 1984 of Iodine-123, and in 1986 of Thallium-201.
- By 1991, the commissioning of the TR30-1, which also expanded the Radiochemistry Annex (RCA-2).
- Technology transfer from TRIUMF to BWXT of Strontium-82 in 1992.
- 1994 milestone of 1.2 mA currents achieved on the TR30-1, which also lead to Palladium-103 by 1999.
- By 2001, the installation and commissioning of the TR30-2, and expansion of the Radiochemistry Annex (RCA-3) would take place.
- February 2003 was the Grand Opening of TR30-II.
- With many more successes, including NSERC Synergy Award and Innovation for both TRIUMF and Nordion.
- In 2013, Nordion celebrated 35 years of successful partnership with TRIUMF.

As a result of Sterigen's acquiring Nordion-Medical Isotopes and becoming BWXT-ITG, the partnership continues to this day.

20th ISAC operation anniversary

Paul explained his research on how old ISAC is. Is it really 20 years old? Here is his summary:

- ISOL was first and ISAC was to add an accelerator at the end of ISOL. Which means it is 20 years for ISAC and not ISOL, or is it?
- The proposal for ISOL was made in June 1985, and the plan also included a post-accelerator.
- The ISAC proposal was made in June 1995, which is 34 years ago.
- In 1987, TRIUMF installed TISOL. And operated until 1999.
- From 1987-1993, all planning was put on hold.
- In October 1993, a five year funding request was made to the federal government.
- Nuclear physicist told Alan Astbury to not mess with ISOL and go straight to ISAC, making it a world class facility.
- In June 1995, funding was announced for ISAC and the proposal was submitted on October 19th of that year.
- First low energy beam in November 1998.
- August 1999, proposal for ISAC-II was submitted, and funding announcement was given in April of 2000.
- First full energy beam in December 2000.
- April 2013, ARIEL building was completed.

Reiner Kruechen - Status of TRIUMF

Reiner gave a summary of the operation of TRIUMF.

- 20th ISAC operation anniversary.
- 40th TRIUMF-Nordion-BWXT anniversary.
- Tom Ruth was inducted as a fellow in the Royal Society of Canada.
- Final year of FYP was executed in 2020
- ARIEL e-Linac in July 2019 reached 30MeV using injection Cryomodule and accelerator Cryomodule, and commissioning of CANREB.
- Construction of IAMI ground was broken, but will take longer than originally planned.
- EMMA & TIGERESS first measurement of proton capture by radioactive isotope at supernova energy. The only facility in the world to have measured temperature of the same level of a supernova explosion.
- Federal Budget 2019 for operating of \$292 million came early and had a 32% increase. Funds the same amount of people as present, and arrived a year early. Requires investment in the infrastructure and the people which will stretch out ARIEL. All of which is consistent with the FYP of 2020-2025.
- Won design award for document for FYP 2020-2025 proposal from the IPR.
- Infrastructure and operation of ARIEL, and improve IT systems.

Summing up, at the end of the five plan, TRIUMF will be well on its way to build for the future of world class experiments for the 21th century.

Eileen Francisco - Pacific Blue Cross

No new changes with PBC. Mentioned to the members to go and visit PBC for the Blue Advantage on their website. She was also distributing booklet on PBC. Eileen updated to people wishing to have more information on their plan.

Meeting adjourned 17:20 - Motion by Corrie Kost and was seconded. Motion carried.