



Canada's national laboratory
for particle and nuclear physics
and accelerator-based science

State of TRIUMF

TARA
November 17, 2016

Reiner Kruecken
Deputy Director

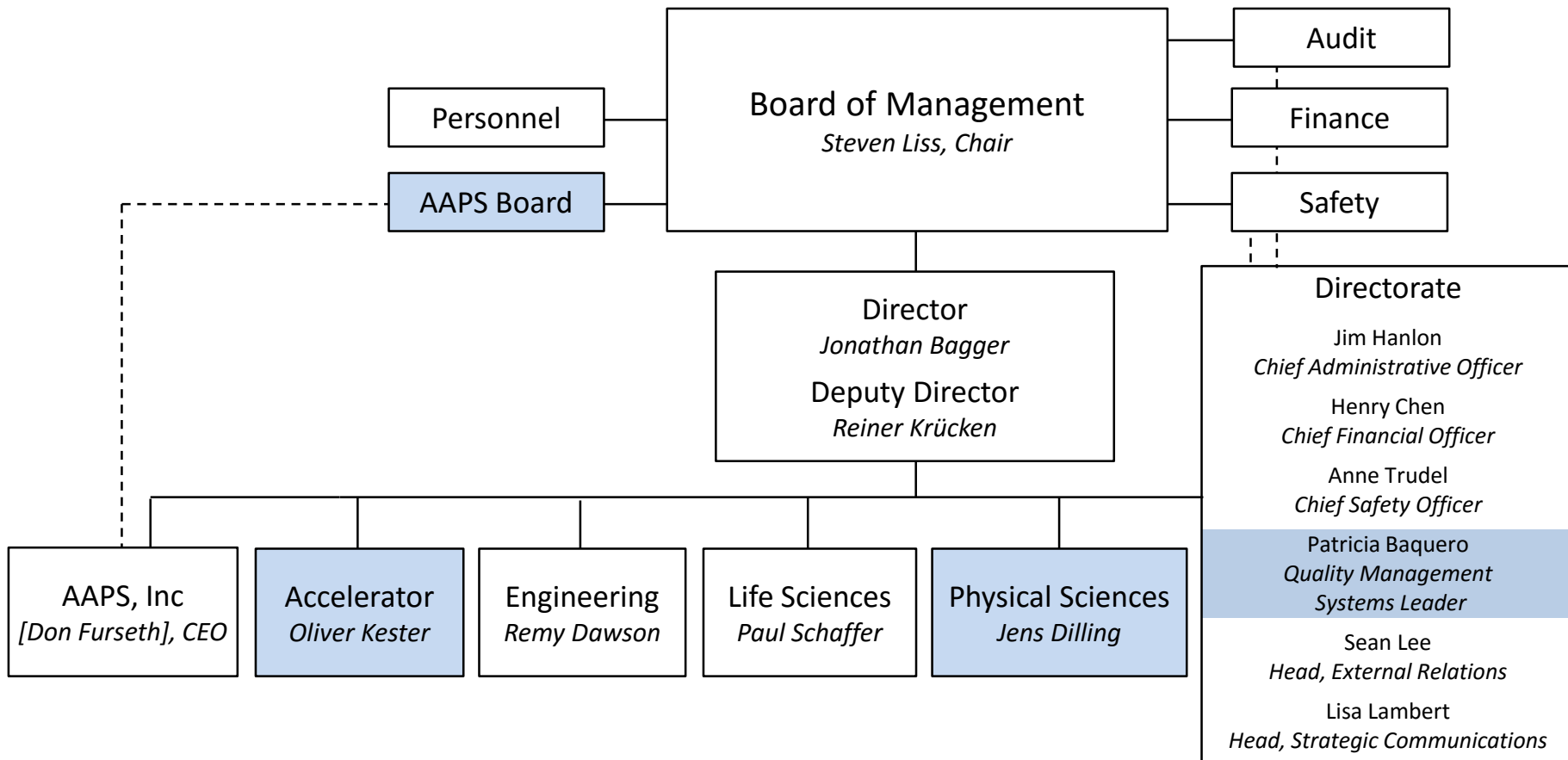


1. Operate safely and effectively
2. Produce world class science
3. Connect TRIUMF to the world



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Jens Dilling
ALD, Physical Sciences



Oliver Kester
ALD, Accelerators

BAE Hires

– Beatrice Franke, UCN



– Nigel Hessey, ATLAS



– Valery Radchenko, Radiochemistry



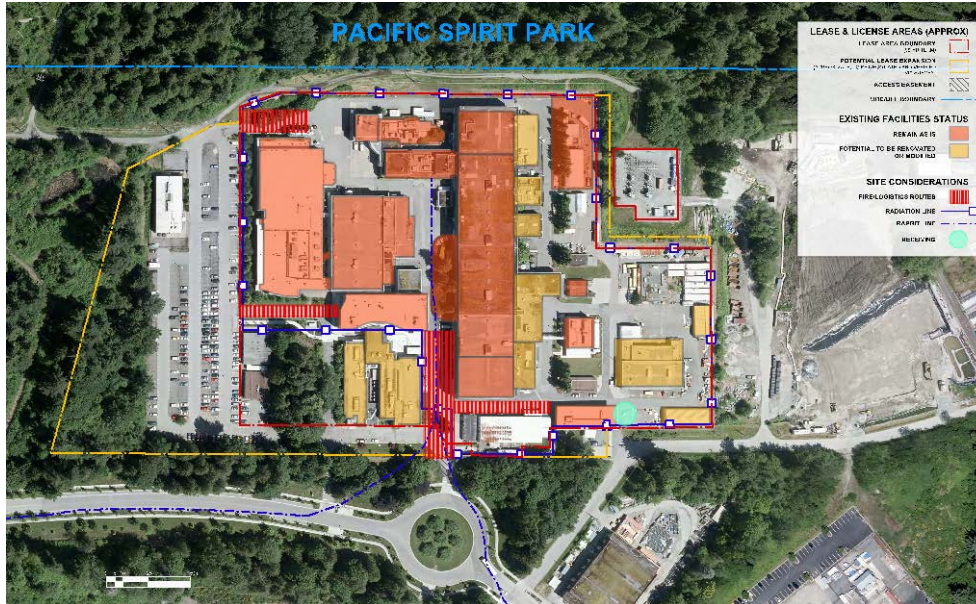
– Ania Kwiatkowski, ISAC Ion Traps



– Monika Stachura, Life Sciences

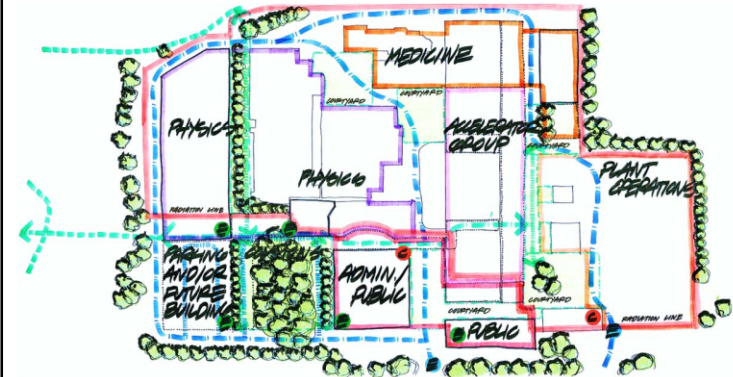


- TRIUMF and UBC have completed their site master plan
- Implementation is underway



TRIUMF FACILITIES MASTER PLAN

26 October 2016



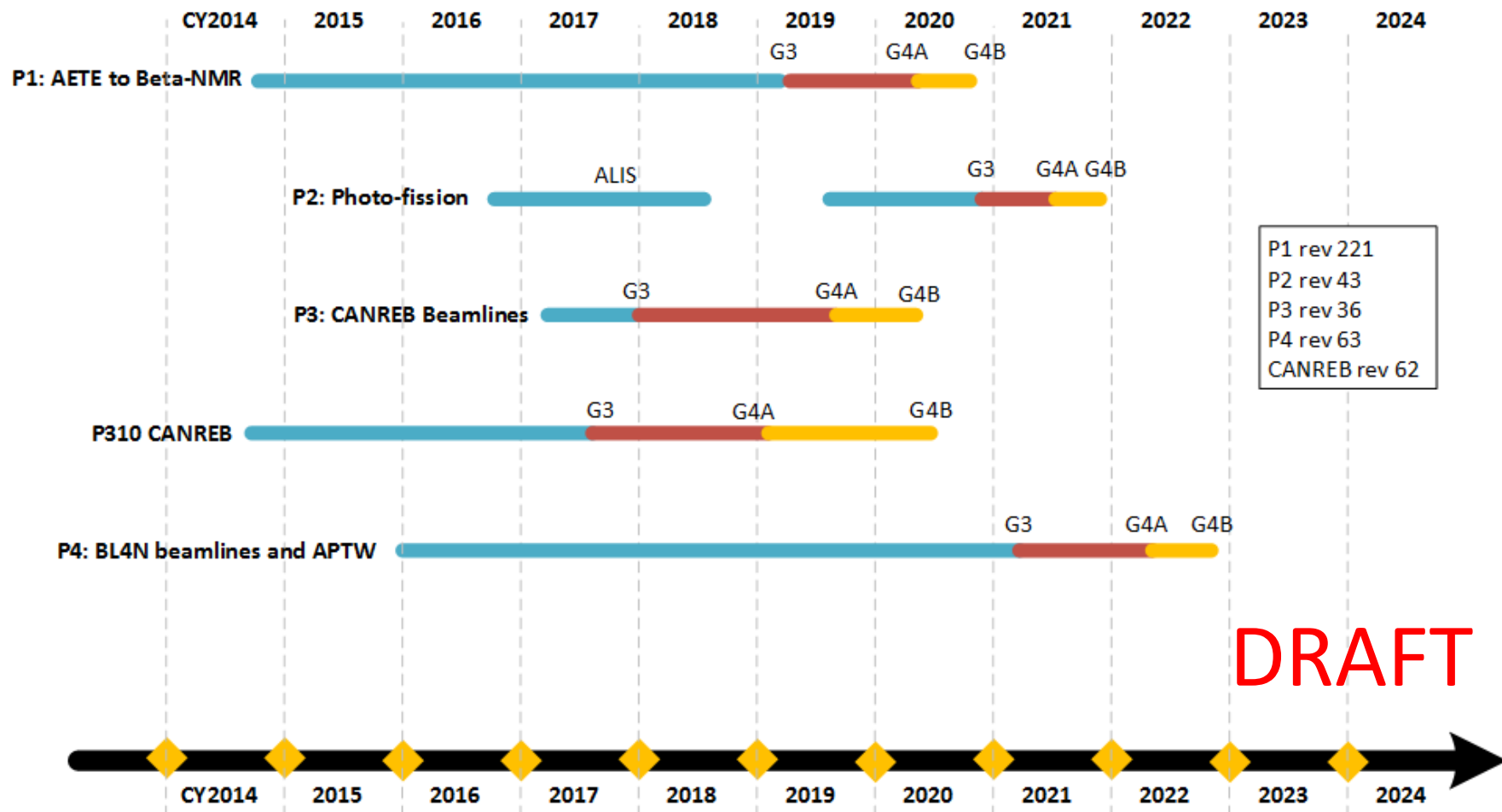
Prepared by Facilities Planning | UBC Infrastructure Development
In collaboration with Campus & Community Planning

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- ARIEL-II Project
 - Funding secured
 - CFI + 5 provinces + TRIUMF
 - CFI finalization process under way
 - Project Management of all ARIEL related projects has been integrated
 - Project plans being finalized
 - Targets are being designed
 - Documents are being prepared
 - Operations model under study
 - Reliable ISAC operations are essential to ARIEL's success
 - ➔ ISAC refurbishment plan



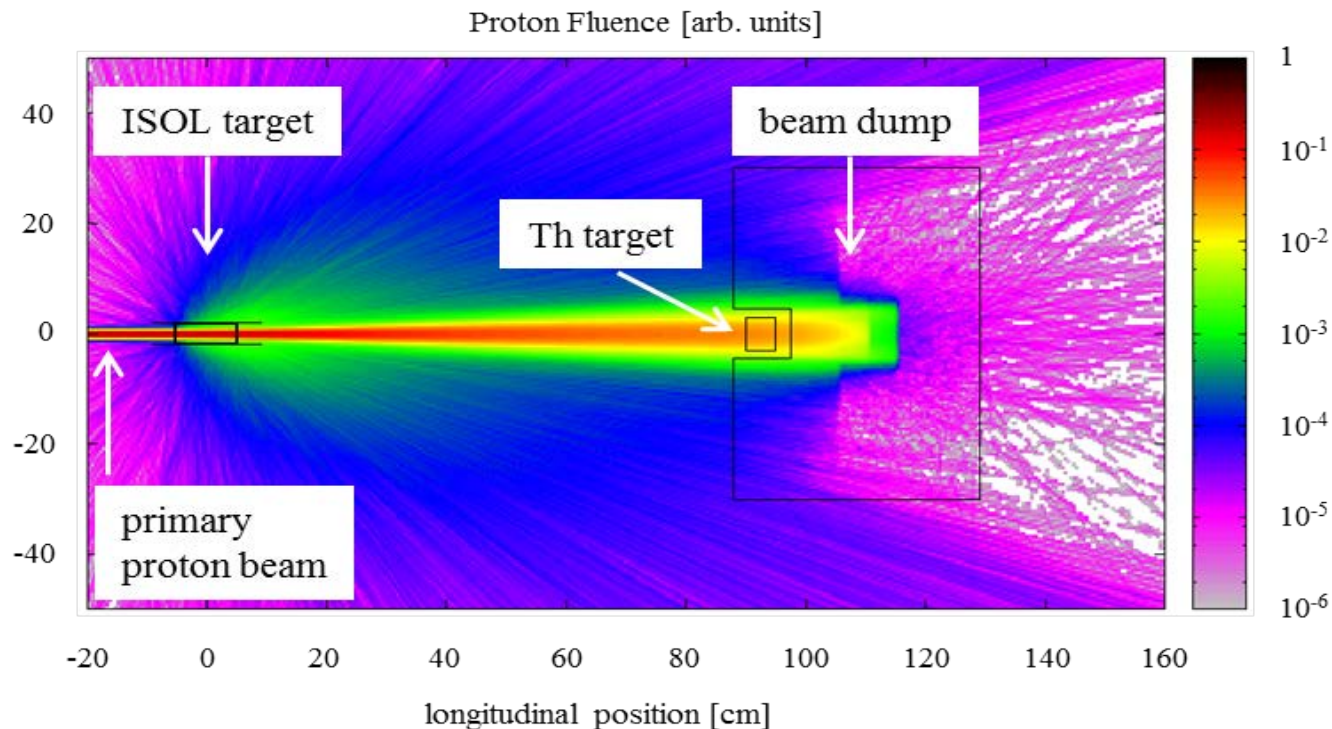


- TRIUMF Life Sciences is entering a critical period; ageing infrastructure is putting the current program at risk
- Work continues on the planning of the Institute for Advanced Medical Isotopes (IAMIs)
- IAMIs facility schematic design is complete
- Funding discussions are ongoing – with a goal of securing funding by the end of the fiscal year



IAMI Founding Partners





Canadian Nuclear
Laboratories

Laboratoires Nucléaires
Canadiens



U.S. DEPARTMENT OF
ENERGY

CFI 2017 Innovation Fund Proposal: ARIEL Symbiotic Target



- Scientists

- Akira Konaka – 2016 CAP-TRIUMF Vogt Medal
- Jens Dilling – 2016 APS Francis Pipkin Award
- Makoto Fujiwara – Elected APS Fellow
- Pierre Savard – Elected APS Fellow



- Students

- Sebastien Rettie (UBC) – NSERC Vanier Scholarship
 - Supervisor: Oliver Stelzer-Chilton
- Alexander Held (UBC) – Marie Skłodowska-Curie Fellowship
 - Supervisor: Oliver Stelzer-Chilton

Michael Craddock
(1936 – 2015)

Michael Craddock
Award for Advanced
Students in
Accelerator Science



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Canada's Innovation Agenda

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and we want to hear from you!

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CANADA'S FUNDAMENTAL SCIENCE REVIEW

TRIUMF contributed to several federal consultations that took place over the summer and fall





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Thank you! Merci!

TRIUMF: Alberta | British Columbia | Calgary | Carleton | Guelph | McGill
| Manitoba | McMaster | Montréal | Northern British Columbia | Queen's
| Regina | Saint Mary's | Simon Fraser | Toronto | Victoria | Western |
Winnipeg | York

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