



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

All Hands Meeting

January 23, 2017



2017

The year '2017' is rendered in a highly stylized, artistic font. Each digit is composed of multiple overlapping, glowing light trails in shades of cyan, blue, and white. The '2' and '0' are rounded and looped, while the '1' and '7' are more angular and pointed. The background is a dark blue gradient, densely populated with small, multi-pointed white stars of varying sizes, creating a starry night sky effect.









GREAT DANE COFFEE

EST. 2012

Feedback to the Cafeteria Committee

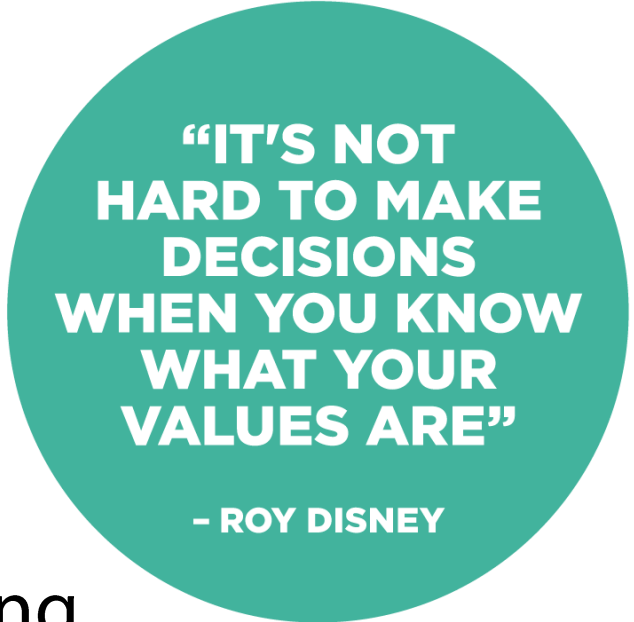
- Jens Dilling
- Iris Dillmann
- Bruno Gasbarri
- Jim Hanlon
- Nina Levi
- Doug Preddy



- Operate safely and effectively
- Produce world class science
- Connect TRIUMF to the world



- Customer focus
- Leadership
- Engagement of people
- Process approach
- Improvement
- Evidence-based decision making
- Relationship management



**“IT’S NOT
HARD TO MAKE
DECISIONS
WHEN YOU KNOW
WHAT YOUR
VALUES ARE”**

- ROY DISNEY

ISO 9001

- Customer focus – Excellence and integrity
- Leadership – Courage and authenticity
- Engagement of people – Adventure and commitment
- Process approach – Enquiry and reason
- Improvement – Value and responsibility
- Evidence-based decision making – Science and humility
- Relationship management – Empowerment and collaboration



Chair:

Dr. Digvir Jayas

VP Research & International, University of Manitoba



Vice Chair:

Dr. David Castle

VP Research, University of Victoria



New committees:

Academic

Chair: Sonia Bacca

Awards

Chair: Gordon Ball

Diversity and Inclusion

Chair: Ania Kwiatkowski

Social Engagement

Chair: TBA

- We are aligning our laboratory planning processes to the fiscal year
 - Goals first
 - Budgets next
 - Followed by PPR
- Easier for us to work together to advance our mission



**STRONGER
TOGETHER**





Take 5 minutes to consider how to do the job safely:

- Walk down to the work area
- Review the hazards and plan with the team members
- Discuss what can go wrong
- Consider how to minimize environmental impact
- Identify the tools, materials, personal protective equipment, signs and barriers required
- Review the training needed for the work activity

Take 5 seconds to think about what you're going to do

- Have I established a safe work area?
- Am I using the necessary personal protective equipment?
- Am I using the necessary safety measures?
- Do I have the time necessary to complete the task safely?

- **Take 5** minutes to reflect when the job is done
 - Am I leaving the work area free of hazards?
 - Have I completed the end-of-job status on the work permit?
 - The next time I perform this task, how can I do better?



+ **NEXT SAFETY MEETING**

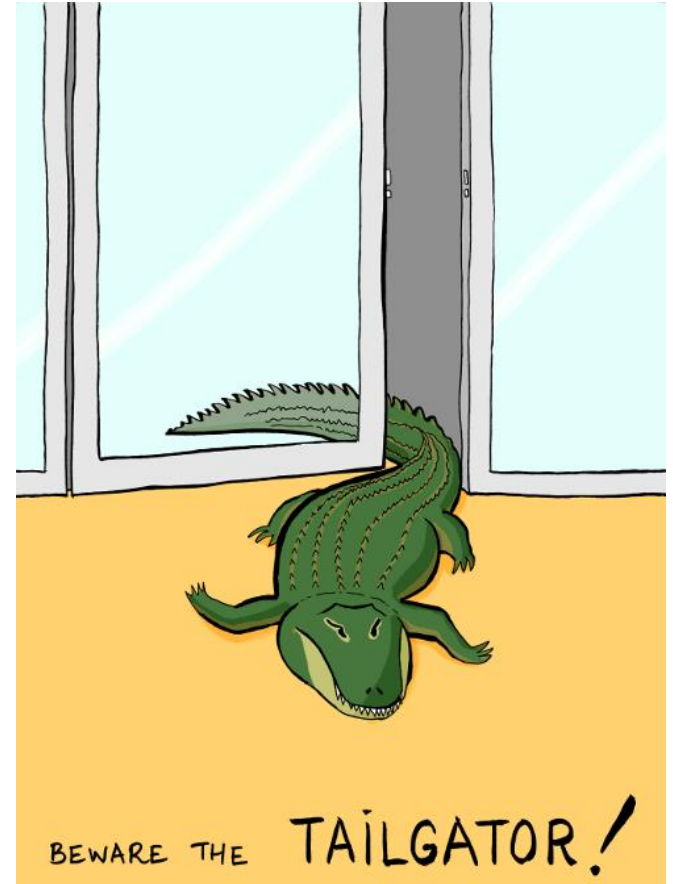
Date/Time:

Location:

Topic:

Required To Attend:

- Access badge should be visible at all times
- Watch for tailgators
- Follow procedures in badge room
- And if you're not sure... ASK!



- New Lockout Policy and Training
 - New TSN 1.3 on Lockout Policies and Procedures
 - Personal Locks must be issued by OH&S
 - Properly labelled and tagged
 - Procedures properly followed
- Everyone will need to renew their Lockout Training



New Lockout Training coming soon

Focus on quality underlies efficiency and reliability



Deputy Director Paul Mantica

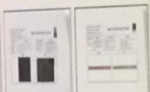


GE Healthcare



Generation Hot Spot

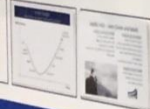
Star of the Month Diamond of the Year (YTD)



es & Idea Implementation Stories



MS Breaking News



Lean to Fast



Hall of Fame

Improvement ideas from our employees

Getting started

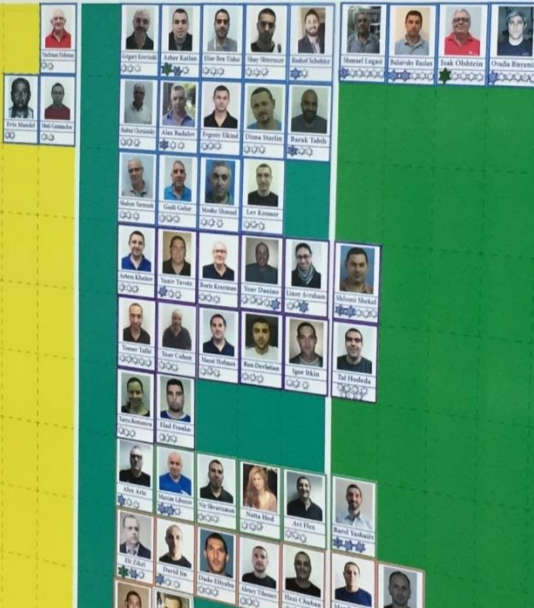
Rolling My First Idea

Innovation Beginner

Progressive Innovator

Innovation Leader

The ultimate Innovator



מקלט
אולם אינטגרציה

TRIUMF is sending 40 staff to project management training, offered by National Project Management, Inc

Two two-day courses:

- 20 in January
- 20 later this spring



First step:
Clean up!

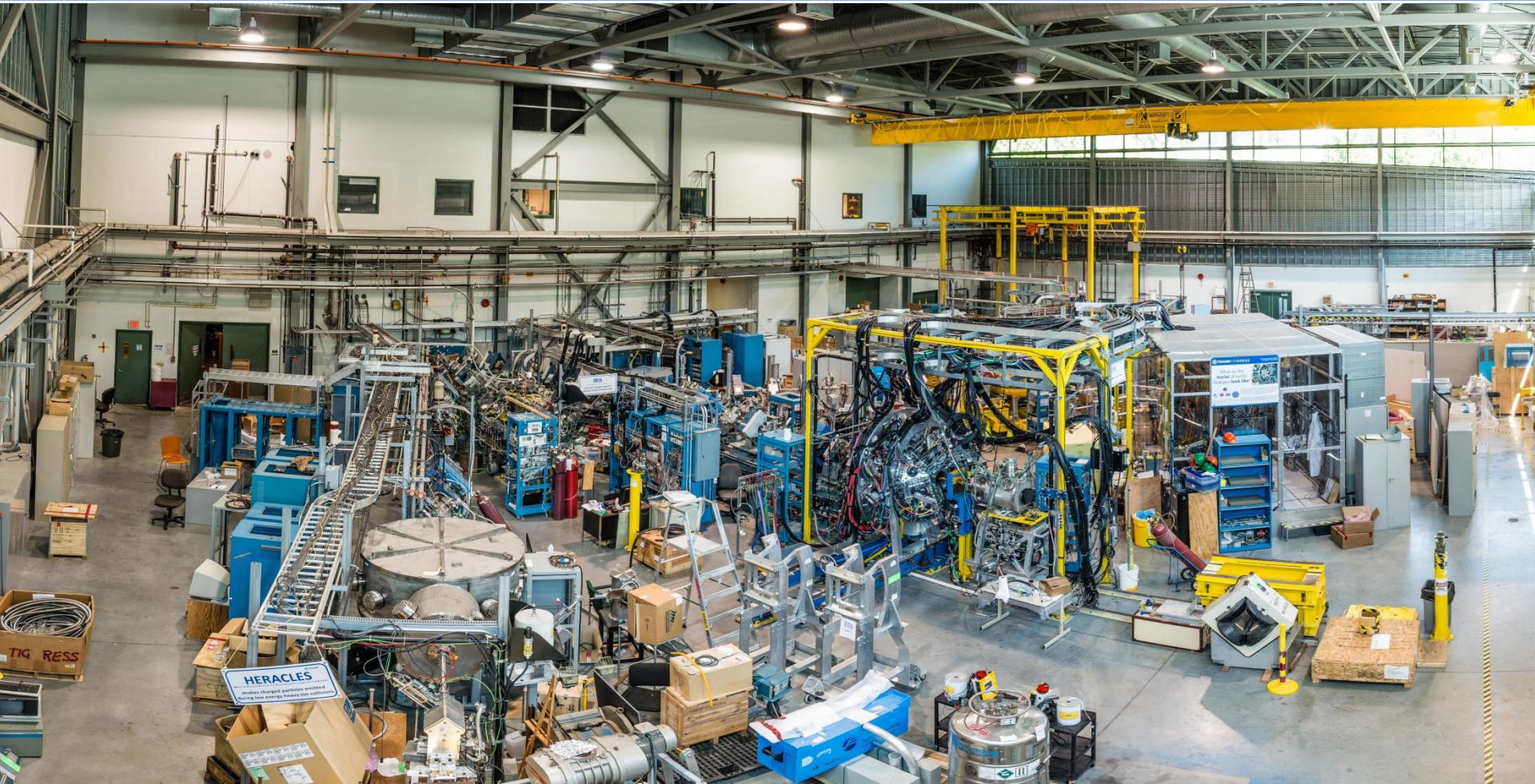


Meson Hall B1 Level





#	Description	Year	Capital Expenditure (\$)	B.C. Hydro Incentive (\$)	Energy Saving (\$/Year)	Pay Back (Year)
1	Main magnet power supply upgrade	F16/17	800,787	225,378	82,269	6.7
2	Atlas cleanroom air handling unit replacement	F16/17	175,000	87,264	16,975	5.2
3	Multi-zone VAV retrofit	F16/17	173,300	82,631	20,168	4.5
4	ISAC I/II facility scheduling and optimal start	F17/18	144,000	49,152	14,084	6.7
5	Main office building scheduling and optimal start	F16/17	67,500	26,843	5,808	7.0
6	Service Annex and MESON Hall process cooling pumps	F17/18	414,000	248,400	79,143	2.1
7	MESON Hall / Service Annex scheduling and optimal start	F18/19	152,800	67,759	12,816	6.6
	Total		\$1,927,387	\$787,427	\$235,264	4.8



- **Scientists**

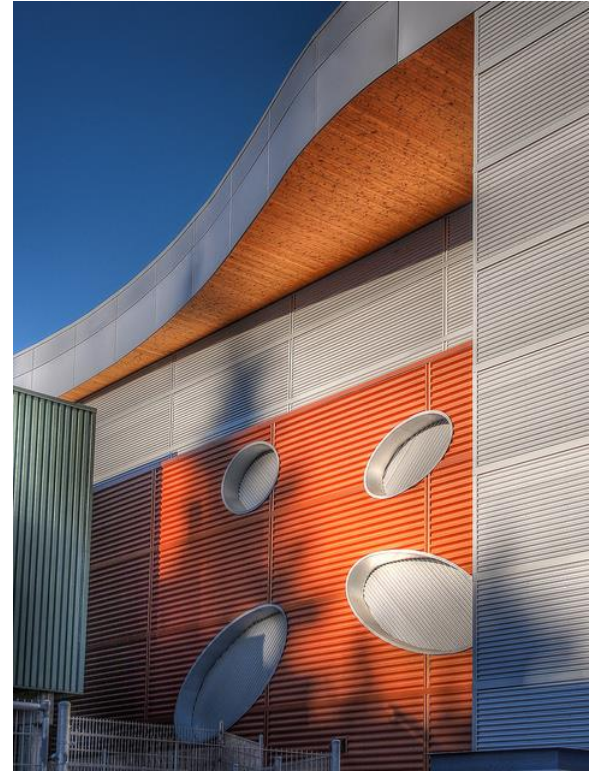
- Akira Konaka – 2016 CAP-TRIUMF Vogt Medal
- Jens Dilling – 2016 APS Francis Pipkin Award
- Makoto Fujiwara – Elected APS Fellow
- Pierre Savard (Toronto) – Elected APS Fellow



- **Students**

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

- **ARIEL-II Project**
 - Funding secured!
 - Preparatory work underway
 - Project plans being finalized
 - Less matrixing, more focus
 - Operations model being developed
 - Reliable ISAC operations essential to ARIEL's success
 - A new way of doing business!
- **ARIEL is driving change across the laboratory**



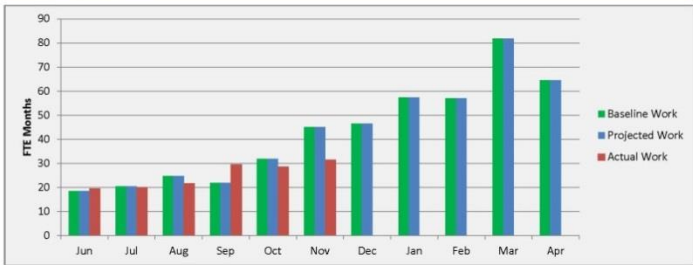
- Town Hall Meeting held in January
 - We must align project schedules and user expectations
- More to come!



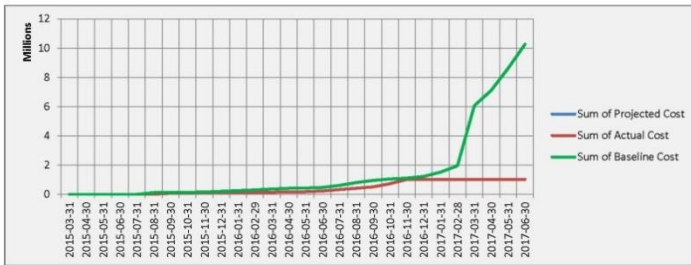
TRIUMF ARIEL-II PROGRESS DASHBOARD

NOVEMBER 2016

FTE REPORT



COST S-CURVE REPORT



PROGRAM MILESTONES

Baseline Date	Current Date	Description	Status	Owner
-	2016-04	Target Stations international concept review	Complete	Pierre B/Alex G
-	2016-10	P1 Gate 2 Review for Target Stations, RIB Transport	Complete	Eric G/Asita P
2016-12	2016-12	RIB Prototype assembly and testing	Complete	Marco M
-	2017-02	CANREB Nier Magnet received at TRIUMF		Norman M
2017-03	2017-03	Hot Cell Facility contract award & PO		Grant M
2017-03	2017-03	AETE converter concept testing results released		Alex G
-	2017-04	Gate 3 review for CANREB, P3 RIB Transport, CFS		Eric G/Asita P
-	2017-04	CANREB HRS Magnet received at TRIUMF		Marco M
-	2017-06	CANREB RFQ Buncher assembled offline		Brad B

DOCUMENTATION REPORT

Document routing status *	# Docs	Author(s)
Documents Approved	151	
Documents in Process	36	
Under Review	8	Pierre B, Brad B, Norman M, Bill P, Jason C
Change Pending	6	Eric G, Suresh S, Phil J, Bill P, Norman M, Mike R
Routed for Approval	3	Pierre B/Alex G/Bill P, Adam G, Eric G
Dissapproved	5	Allon M, Jens L, Michael B, Eric G/Allon M, Carla B
Overdue	14	Tomislav H, Eric G, Jason C, Gerald M, Bill R, Neil M, Marco M, Bill P, Arthur L, David W

*Additional documents not in process

<http://elinac.triumf.ca/pmo/project-reports/2016-11/2016-11%20Documentation%20Report.xlsx/view>

Funding discussions
continue...



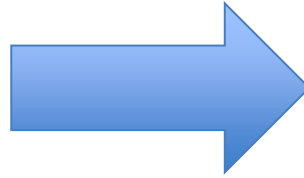
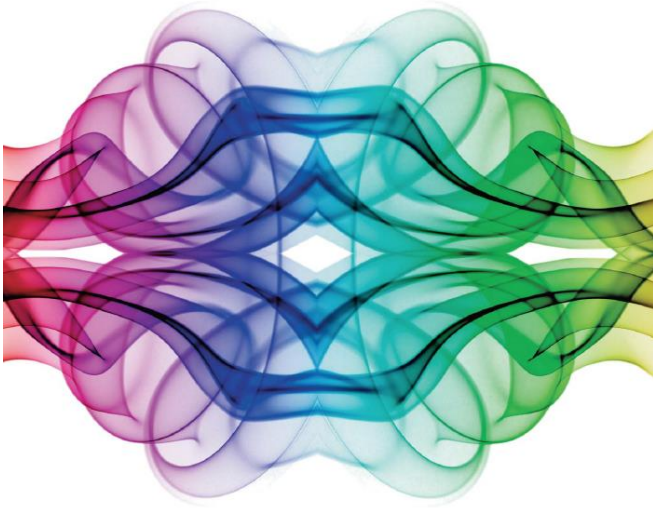
BRITISH
COLUMBIA



Five-Year Plan

2015–2020

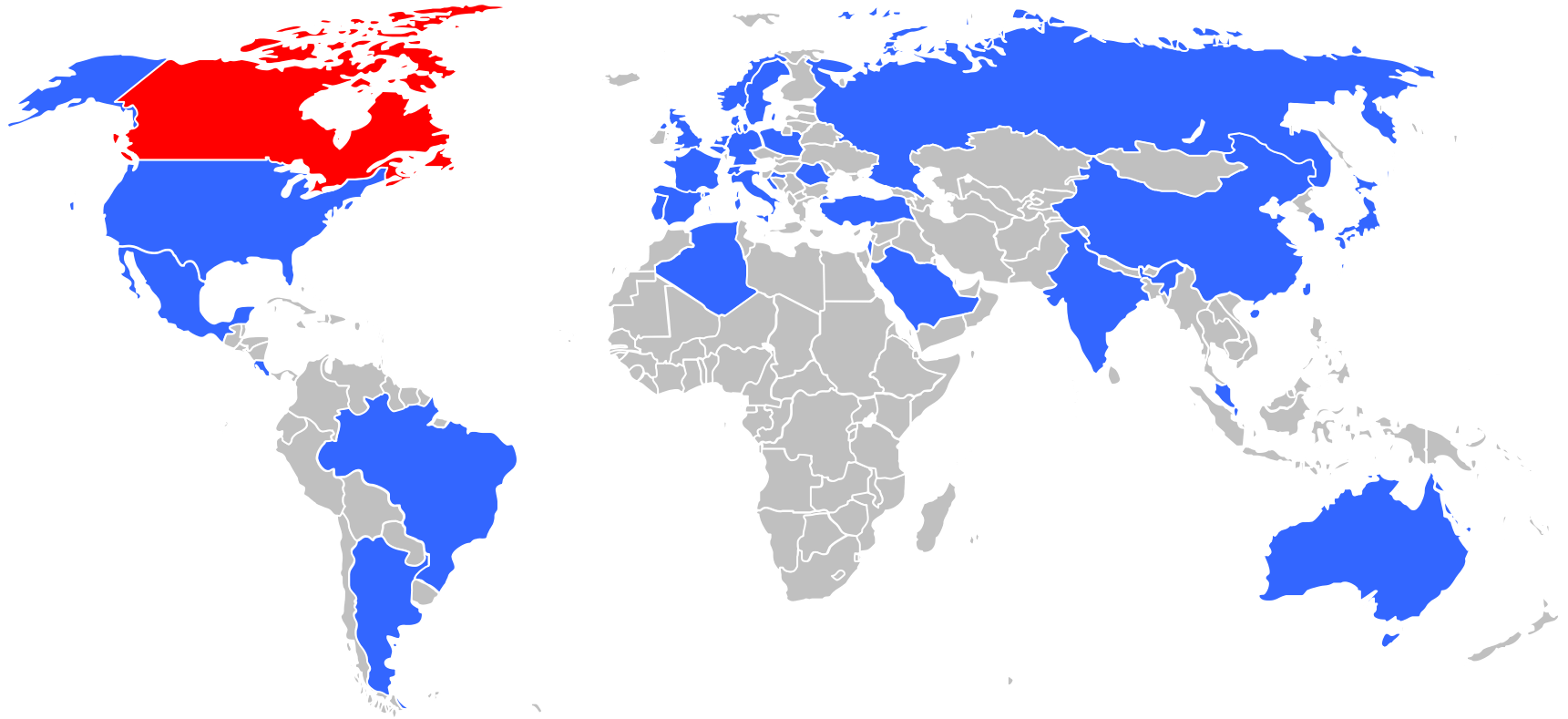
REALIZING THE VISION



2020-2025

?

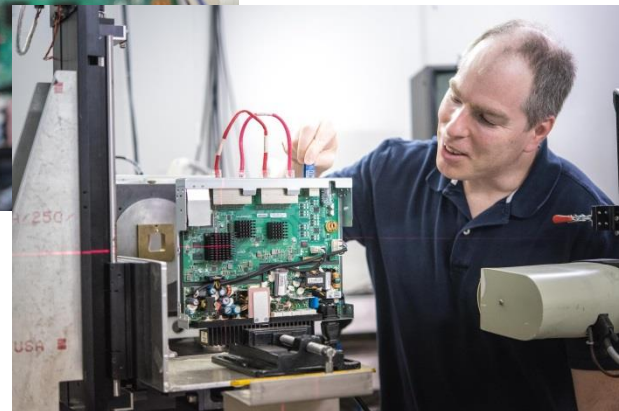




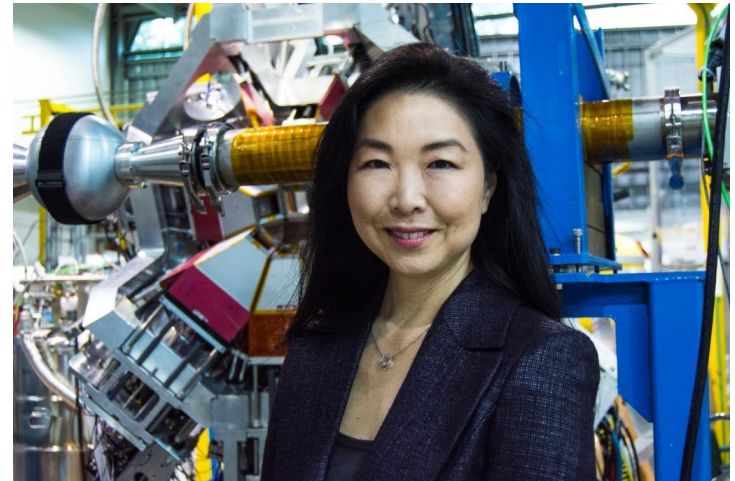
Branding...



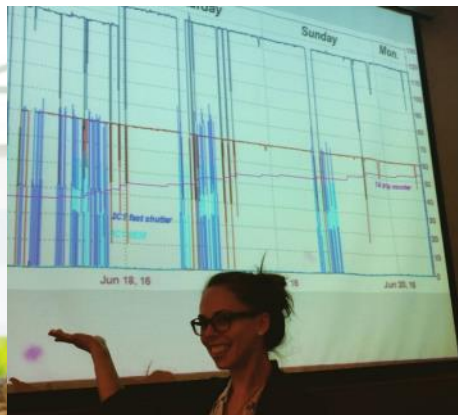
- Nordion royalties will set another record
- PIF & NIF will set a new revenue record



- Thank you to Don Furseth for his terrific service as Interim AAPS President and CEO
- Welcome to Kathryn Hayashi, the new President and CEO of AAPS
 - Kathryn comes to TRIUMF from CDRD, further up Wesbrook Mall
 - She starts February 6



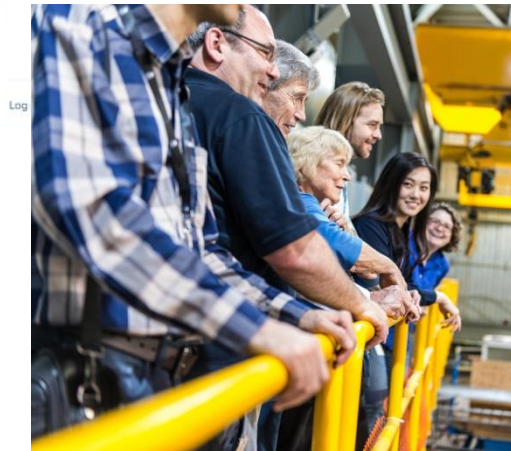
Opportunities for everyone to take part in science communication and outreach initiatives



triumflab
TRIUMF

30 likes 11w

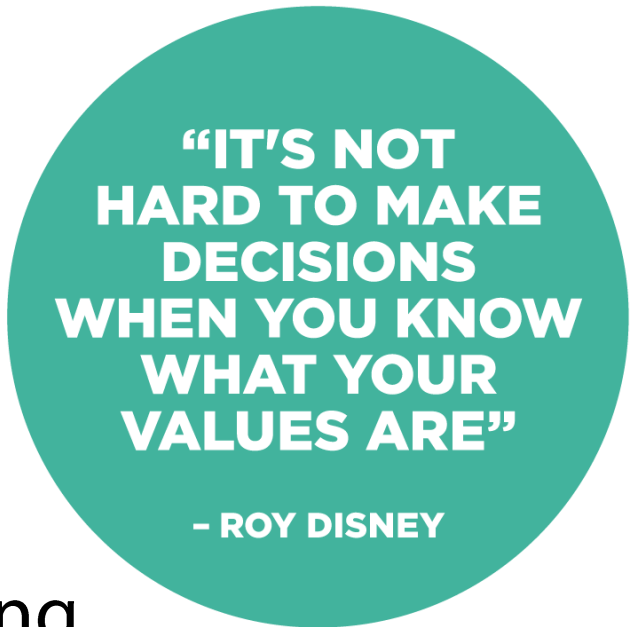
triumflab Good morning friends! I'm Angela, Accelerator Operations Coordinator for the 520MeV cyclotron! Every week I run the Operations and Beam Delivery meeting where we discuss the performance of the accelerators and make plans for the week. The cyclotron ran well last week! Only 2.2 hours of downtime! Follow my posts from work today for #takeovertuesday! ☺ #physics #particleaccelerator #graph #meeting #science



- Operate safely and effectively
- Produce world class science
- Connect TRIUMF to the world



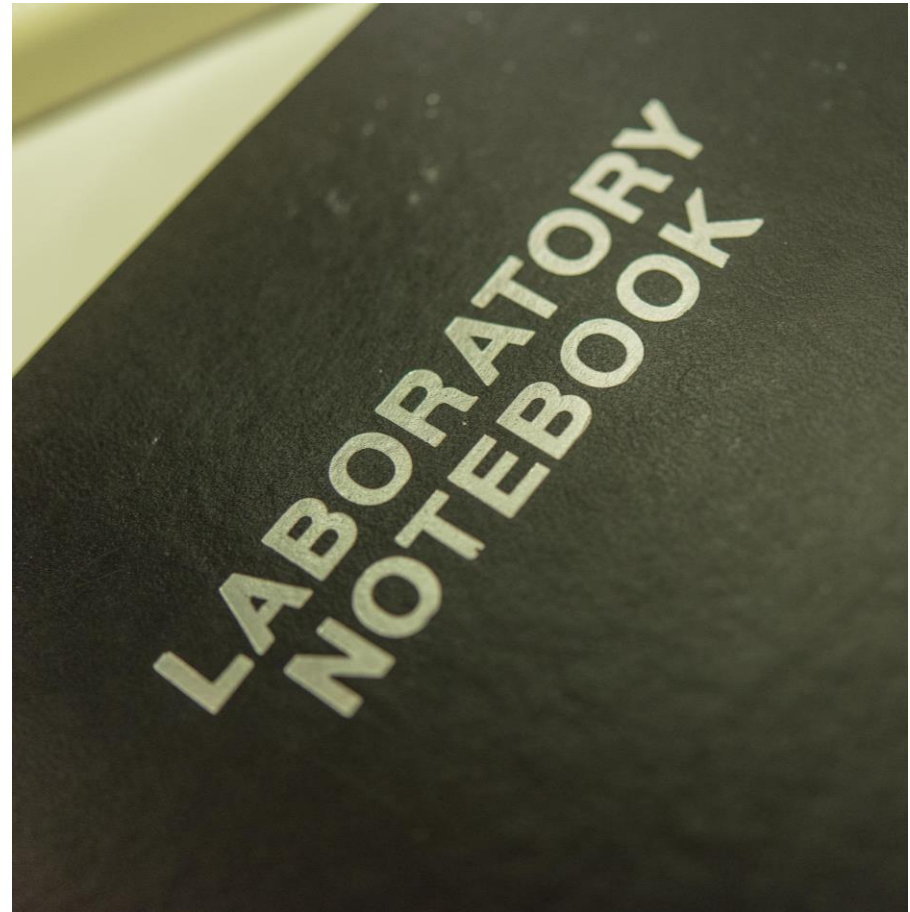
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- ROY DISNEY

- What do they mean?
 - Think critically
 - Take ownership
 - Support each other





Canada's national laboratory
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and accelerator-based science

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



Follow us at TRIUMFLab

