



TRIUMF

INNOVATIONS



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**The interface bridging
TRIUMF with the
business world.
TRIUMF Innovations
links cutting-edge
science and technology
to tangible business
opportunities by:**

- 1** Connecting TRIUMF's researchers and technologies to the world via industry partnerships, licensing agreements, and start-up companies
- 2** Providing a pathway for businesses to access TRIUMF infrastructure and expertise
- 3** Developing business opportunities for technologies developed within the TRIUMF network
- 4** Training the next generation of science-driven entrepreneurs

**Since 2010,
TRIUMF has
launched five
spin-off
companies
spanning a
wide range of
sectors**

ARTMS Products
Life Sciences



Novel medical cyclotron technology enabling production of world's most-used imaging isotopes, recently propelled by \$3M in venture financing and an international customer base that includes GE Healthcare

CRM
Geotomography
Mining & Security



Advanced detector technology that can detect ore bodies and other materials without the need for physical inspection. Part of CDL-West & CDL SuperSession

Frontier Sonde
Oil & Gas



Well-logging tool that uses neutron probes to detect residual oil deposits

IKOMED
Medical Devices

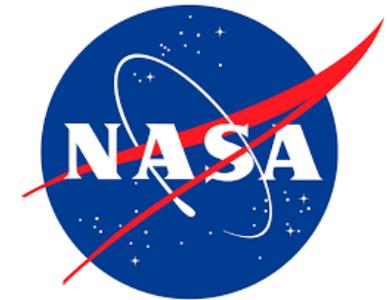


Microshutters that reduce radiation exposure during medical procedures

Micromatter
Advanced
Manufacturing



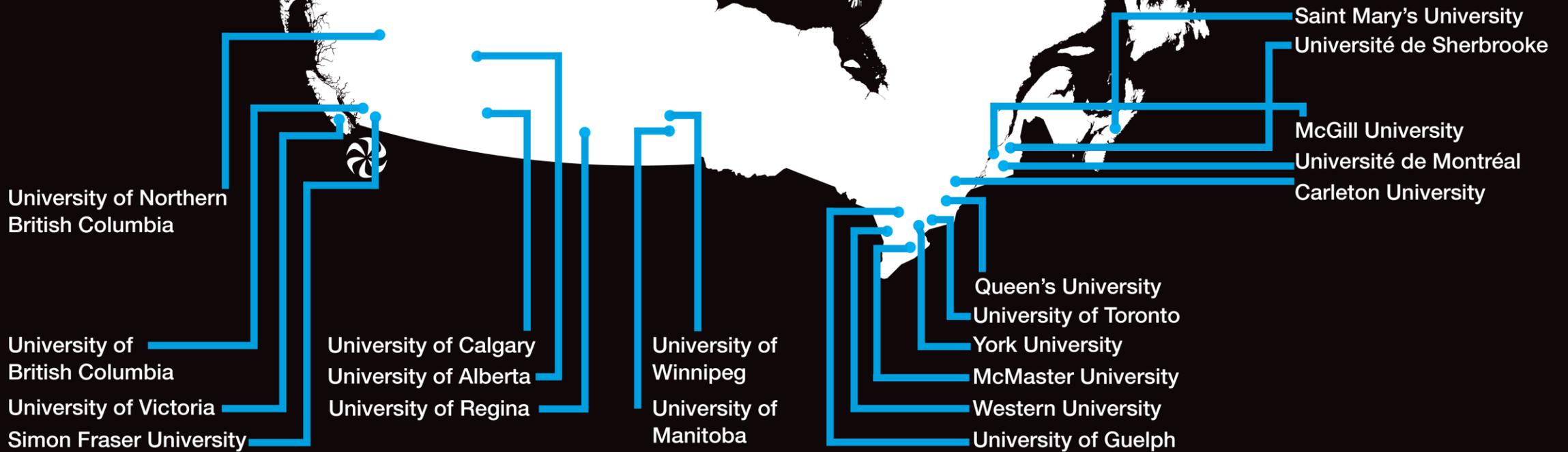
Specialized foils and calibration standards for research and industrial applications



A Selection of TRIUMF's Commercial Partners

TRIUMF as a National Network: Private Sector Opportunities

Member Universities



Data Science: Talent Development

MOVE OVER, CODERS— PHYSICISTS WILL SOON RULE SILICON VALLEY

CADE METZ BUSINESS 01.16.17 06:00 AM

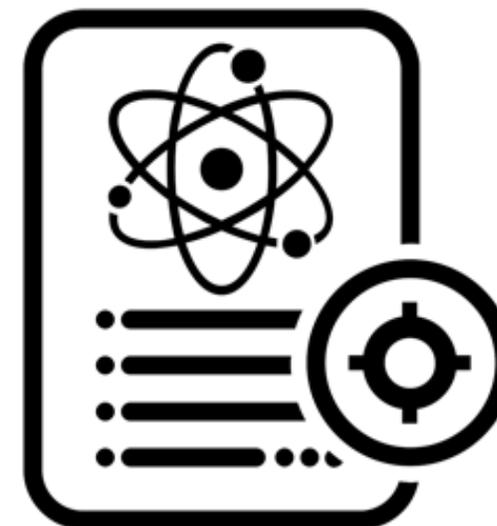
WIRED



Oscar Boykin

INSIGHT DATA SCIENCE FELLOWS PROGRAM

An intensive 7 week post-doctoral training fellowship
bridging the gap between academia & data science



INSIGHT

In 2012, Insight Created a New Model for Professional Education

[PROGRAM](#)[FELLOWS](#)[MENTORSHIP](#)[INDUSTRY](#)[COMMUNITY](#)

- Seven week full-time postdoctoral training fellowship
- Tuition-free and need-based scholarships
- Build real-world data science solutions in a self-directed, collaborative environment
- Learn from top industry leaders and Insight alumni. No classes, no textbooks.
- Interview with top companies

[READ THE WHITE PAPER](#)

INSIGHT IN A NUTSHELL



TUITION COST

\$0

Insight is sponsored by mentoring companies

Insight Fellows are Data Scientists at

facebook

LinkedIn

okcupid

schireson:

meetup

Zillow

ACTIVISION

jet

VIACOM

DataKind

greenhouse



Square

Capital One

reddit

NBC

STITCH FIX

airbnb



fitbit

ZocDoc

verizon

VECTRA

twitch

AVANT

OSCAR

wayfair

Pinterest

JAWBONE

BLACKROCK

Microsoft

TWO SIGMA



JPMorgan

salesforce

amazon

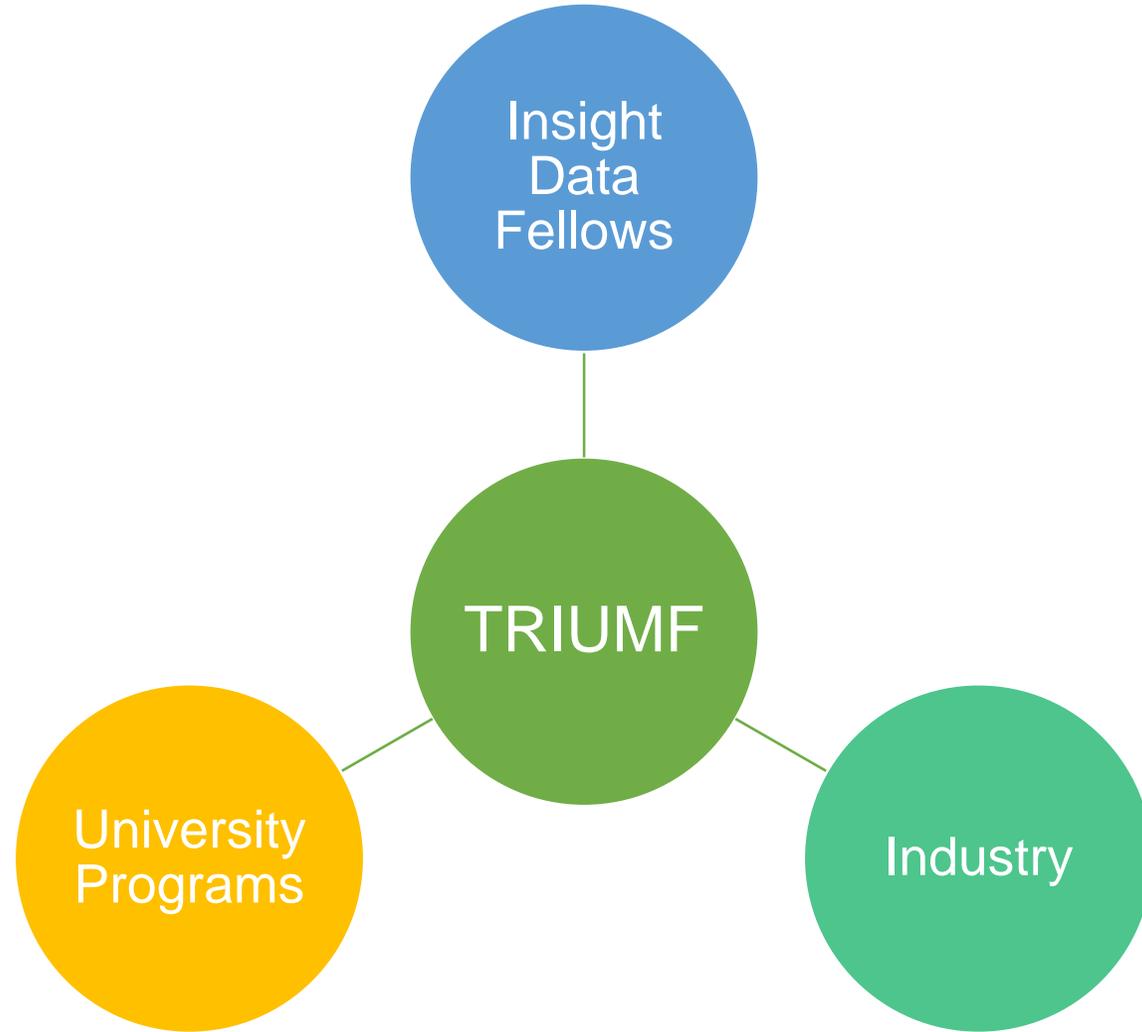
enigma

SAMBA TV

nielsen

intuit

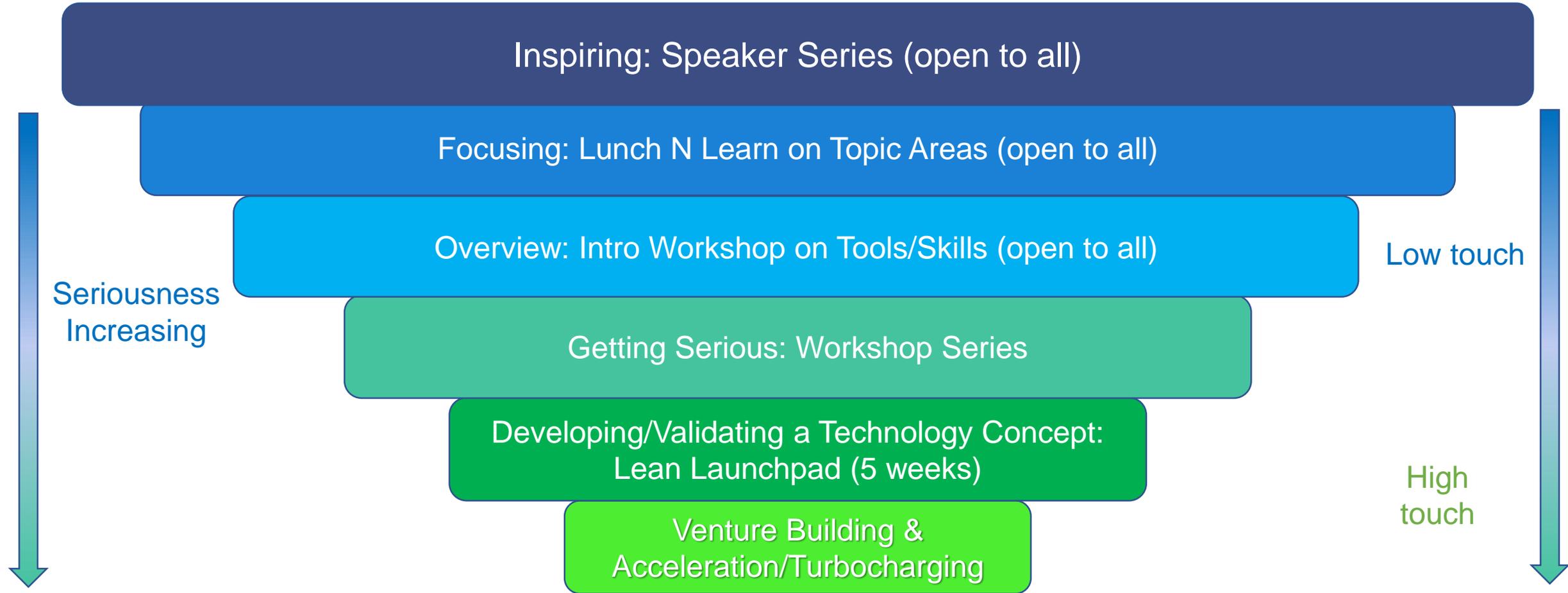
KHANACADEMY



D:wave
The Quantum Computing Company™



• TRIUMF Innovations Training Program





Connecting spin off
companies from
TRIUMF network to
mentors and
investors

Example:

Detectors for Mining

CRM
**GEO TO
MOG
RAPHY**
TECHNOLOGIES

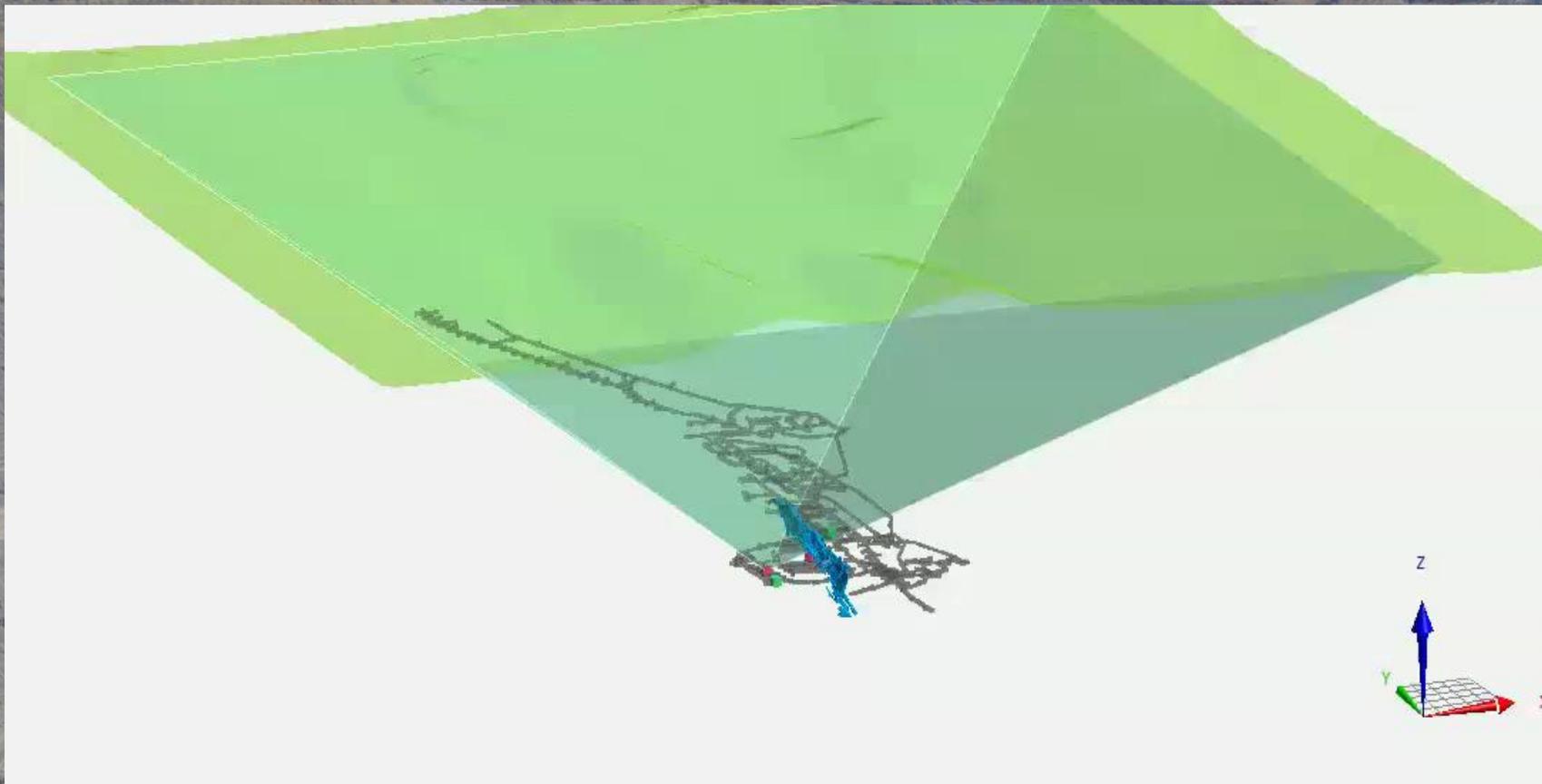
Teck

nyrstar
Resources for a changing world

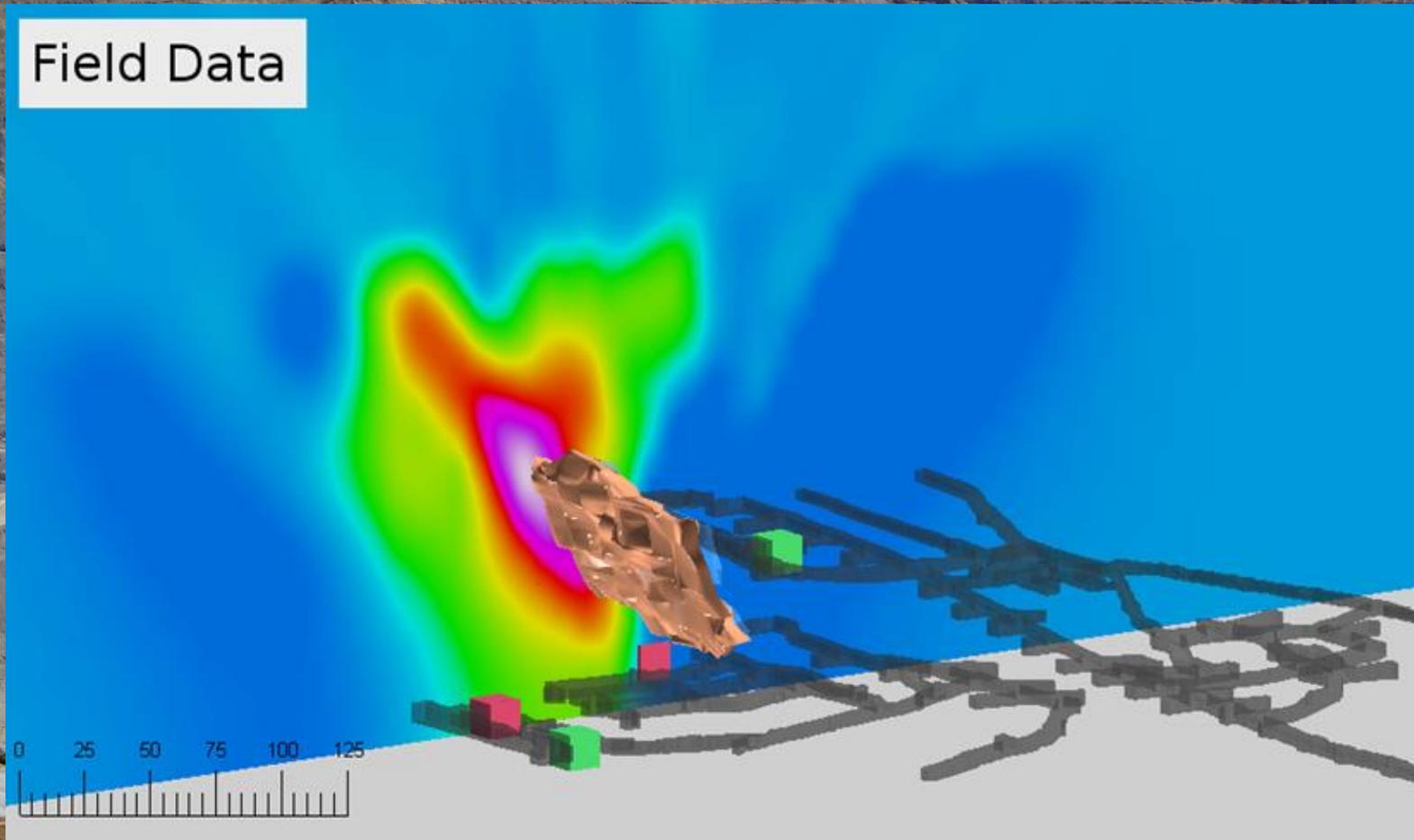
AREVA

Cameco

Example: Detectors for Mining



Example: Detectors for Mining





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Thank you
Danke

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www.triumfinnovations.ca

