Program Schedule
All times are in Eastern Daylight time (EDT)

Time	Monday (28)	Tuesday	Wednesday	Thursday	Friday
9:00	Intro	Ramsey-Musolf	Discussion	Skripnikov	Prasannaa
9:35	Flambaum	Dobaczewski	Isaev	Gaul	Karthein
10:10	Vincenzo	Engel	Borschevsky	Kotochigova	Inouye
10:45	Jordy	Butler	Fleig	Field	Stadnik
11:20	Break				
11:35	Reece	Nazarewicz	Demille	Krems	Vutha
12:10	Jaideep	Budker	Breier	Safronova	Gabrielse
	Lunch				
2:00	Jayich	Haxton	Rothe	Arvanitaki	Panel discussion
2:35	Caldwell	Holt	Wilkins	Hamilton	Panel discussion
3:10	Break				
3:25	Tarbutt	Navratil	Udrescu	Von der Wense	Panel discussion
4:00	Doyle	Miyagi	Gottberg	Zhang	Panel discussion
4:35	Hutzler/Augenbraun	Discussions	Severin	Discussions	Summary talk

Topics:

- Particle Physics
- Production of molecules at radioactive beam facilities
- Current/new techniques
- Molecular theory
- Nuclear theory
- Other opportunities

Discussions:

- Challenges for AMO precision experiments at accelerator facilities.
- Strategy to identify physics cases to be pursued first.
- Required lab infrastructure, especially plans for a precision laboratories at FRIB, TRIUMF, CERN, .
- Key instrumentation, challenges and required developments. Molecular formation at RIB facilities.
- Required theoretical developments in AMO, nuclear and particle physics.
- ‘Bridging the gaps’: how to efficiently exchange ideas between the many different fields involved in the projects of radioactive molecules.

Panel discussions:

Panel 1: science impacts

Panel 2: Theoretical developments

Panel 3: Experimental challenges and facilities

Panel 4: Community Building.

Panel 1

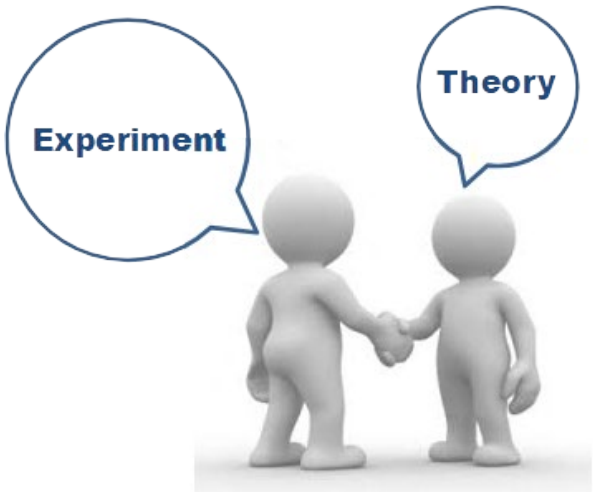
David Demille

Ronald F Garcia Ruiz (chair)

Andrew Jayich

Mike Tarbutt

- What are the science impacts?
  - Fundamental symmetries
  - Nuclear structure
  - Quantum chemistry
  - Astrophysics
  - …
- What are the first experiments we should pursue?
  - P violation: Nuclei of particular interest?
  - T violation: Nuclei of particular interest?
  - …
- What should be our long term strategy?



Particle & Nuclear & Atomic & Molecular

Panel 2

Robert Berger (chair)

John Behr

Vincenzo Cirigliano

Witek Nazarewicz

Theory related topics and questions

- What are the main challenges for theory?
- Which input from theory do experimentalists desperately need?
- Which input from experiment do theoreticians desperately need?
- Accuracy, efficiency, error bars in theoretical estimates
- Multi-scale descriptions
- Methods of potential use in other fields
- . . .
- . . .

Panel 3

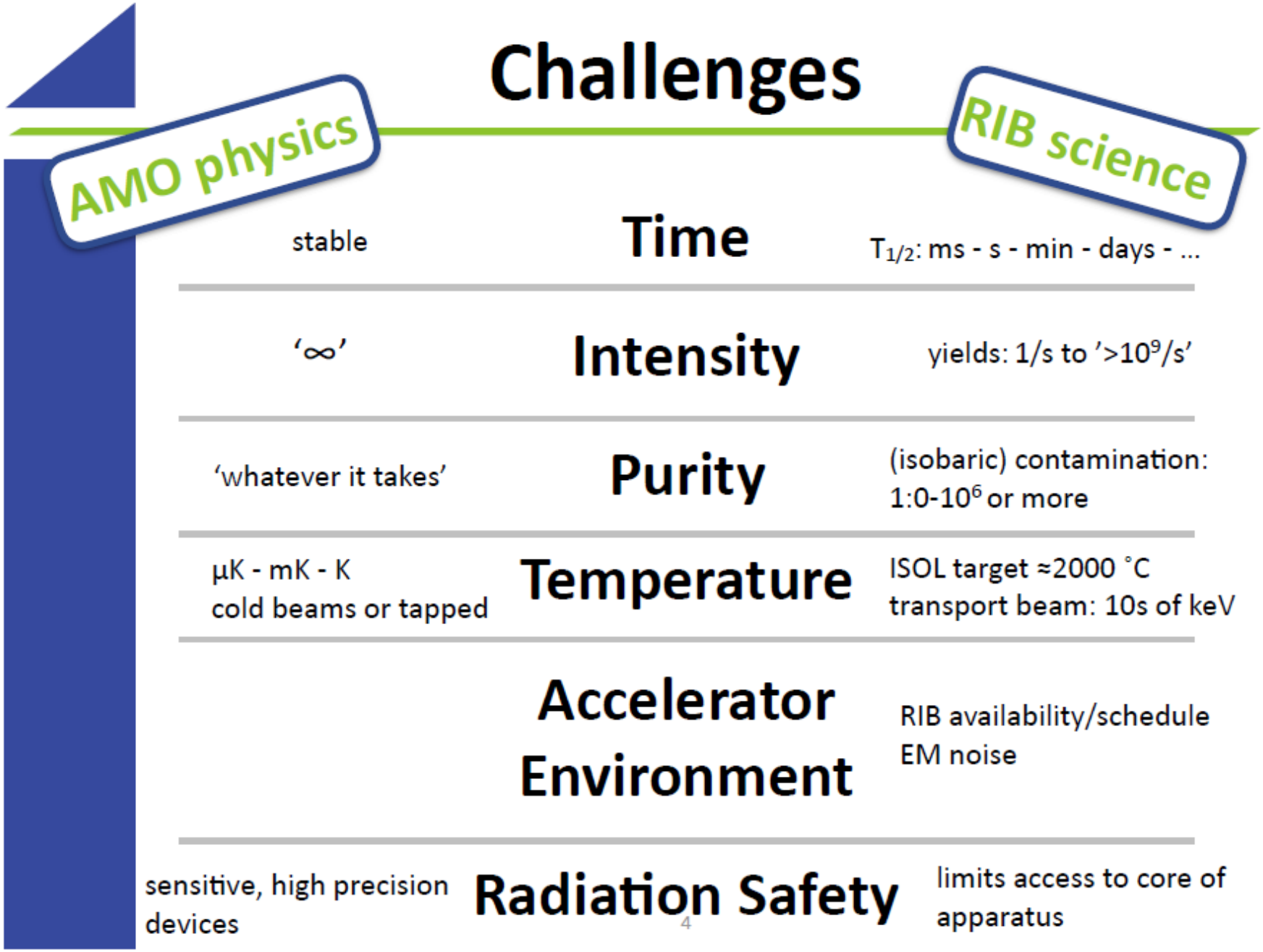
Alexander Breier

Gerald Gwinner

Stephan Malbrunot (chair)

Ryan Ringle

Shane Wilkins



Panel 4

How can we build a sustainable community?

- Panel members:
  - **Tom Blum**
  - **Anastasia Borschevsky**
  - **Skyler Degenkolb**
  - **Jason Holt**
  - **Nick Hutzler (chair)**
  - **Jaideep Singh**
- How can we all stay connected?
- How can we build and expand our community?
- How can we grow interest and broader community support?
  - Example: whitepapers/workshops for SnowMass2021, NSAC Long Range Plan, similar non-US efforts, etc.