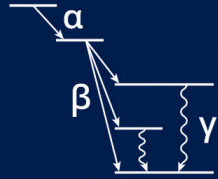


LOW
RADIOACTIVITY
TECHNIQUES



2022

WORKSHOP VIII

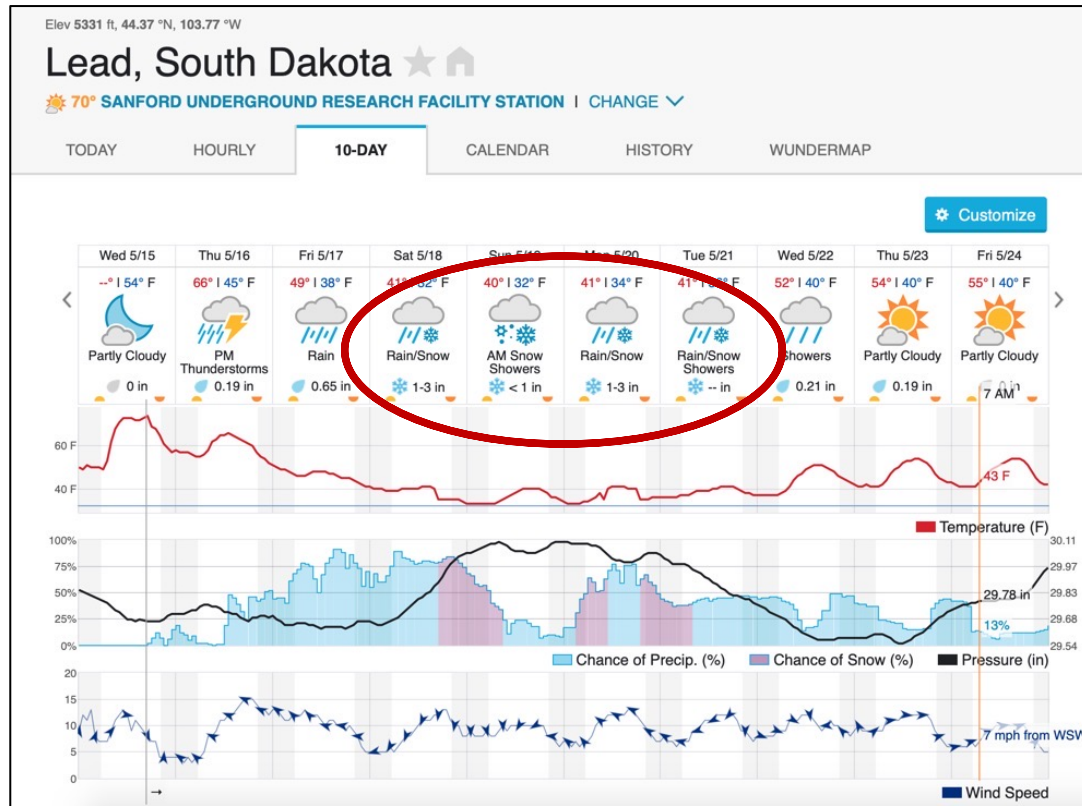


Welcome to LRT2022!

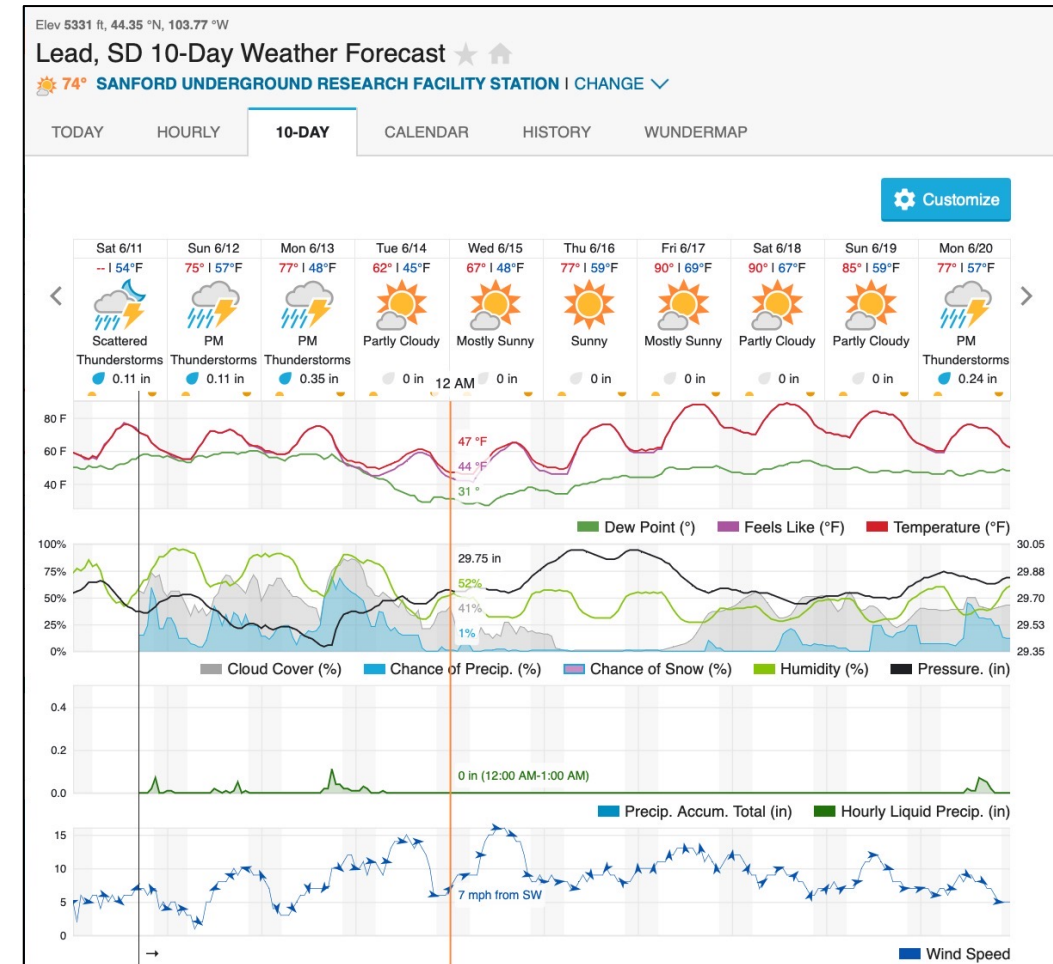
Co-Hosted by SD Mines & SURF

Welcome to South Dakota!

LRT 2019

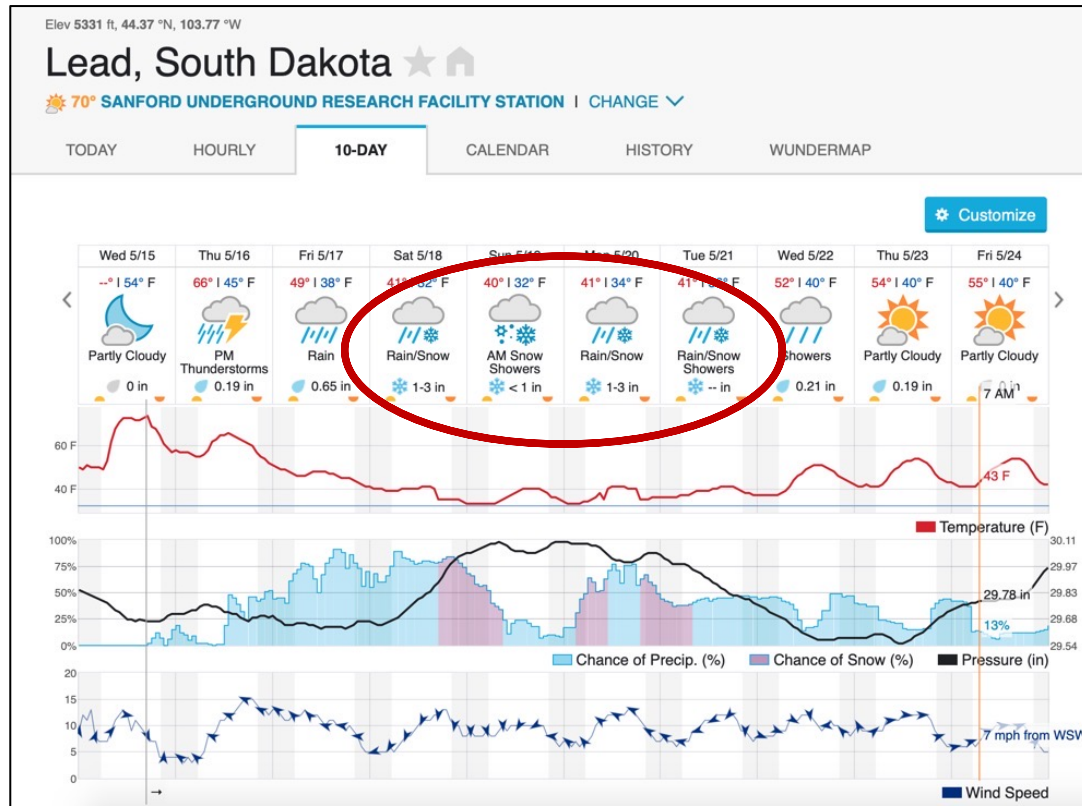


LRT 2022 – No snow!

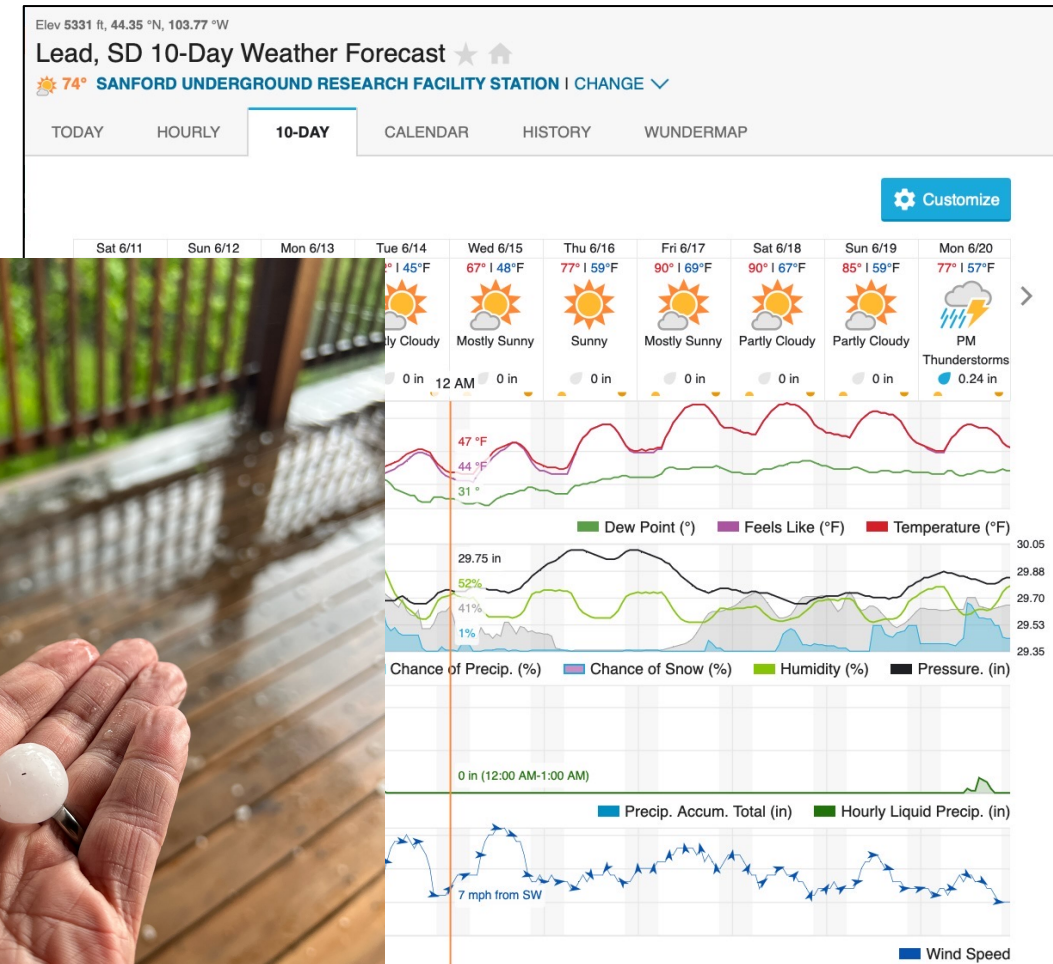


Welcome to South Dakota!

LRT 2019

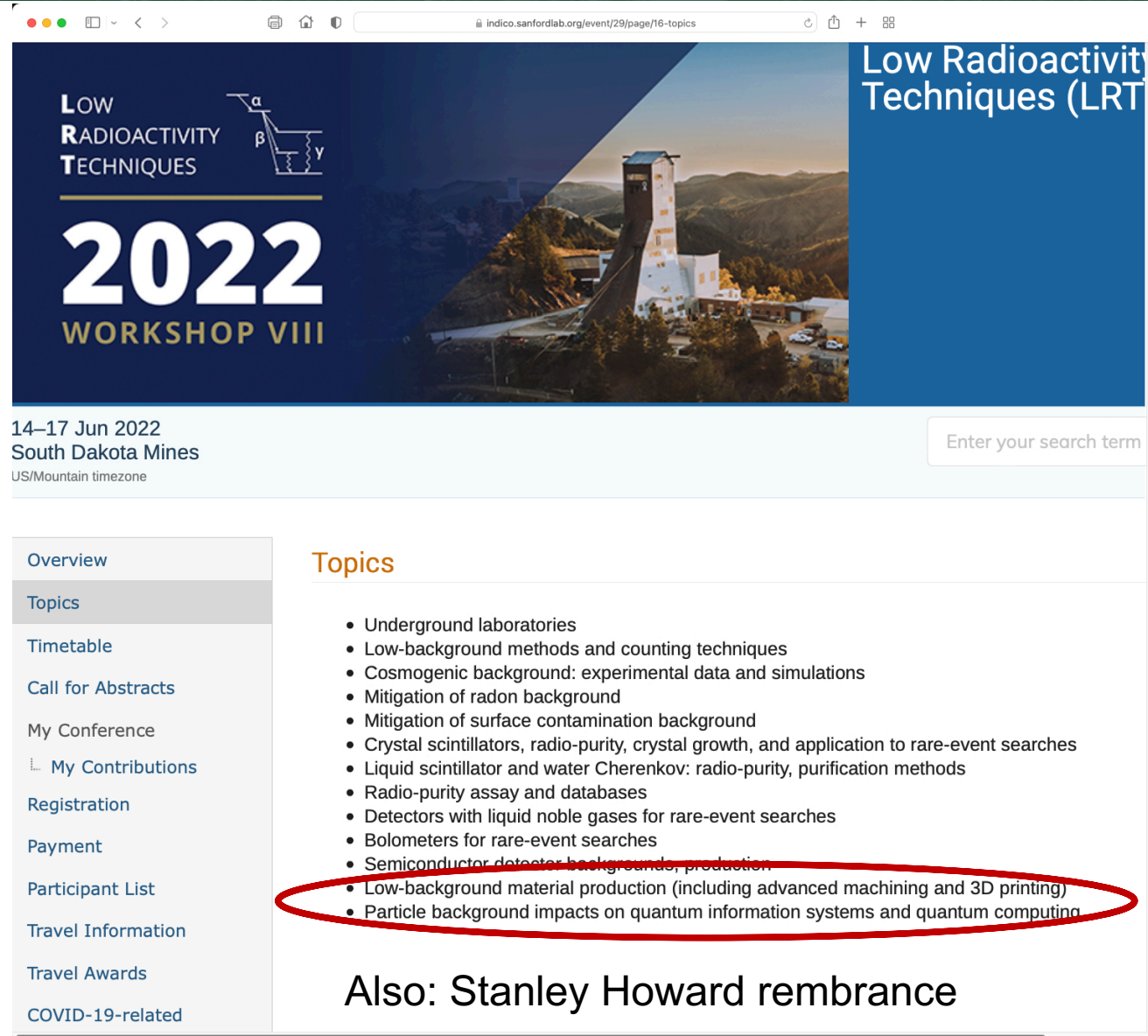


LRT 2022 – No snow!



Welcome to LRT2022!

Topics



The screenshot shows the website for the 8th Workshop on Low Radioactivity Techniques (LRT2022). The header features the event title, dates (14-17 Jun 2022), and location (South Dakota Mines). A sidebar on the left contains navigation links. The main content area lists various topics, with the last three items circled in red. Below the list, there is a note about a remembrance.

LOW RADIOACTIVITY TECHNIQUES
2022
WORKSHOP VIII

14–17 Jun 2022
South Dakota Mines
US/Mountain timezone

Enter your search term

Overview
Topics
Timetable
Call for Abstracts
My Conference
My Contributions
Registration
Payment
Participant List
Travel Information
Travel Awards
COVID-19-related

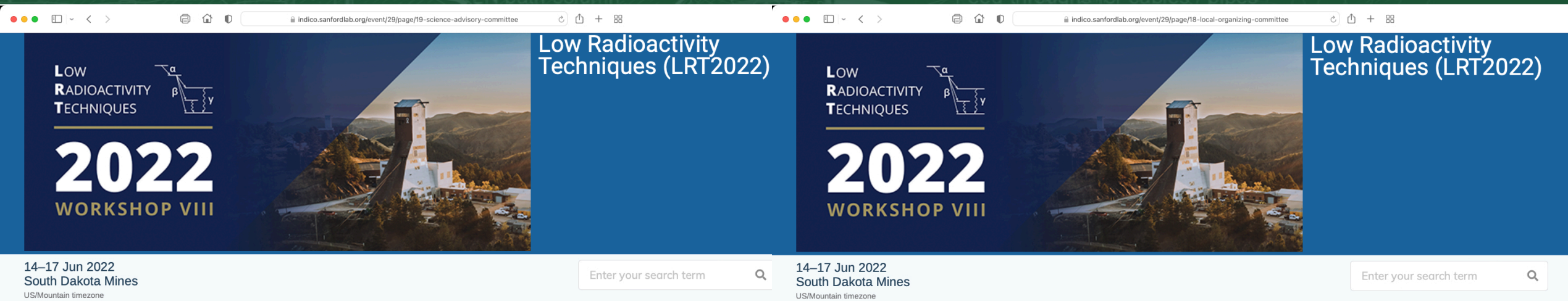
Topics

- Underground laboratories
- Low-background methods and counting techniques
- Cosmogenic background: experimental data and simulations
- Mitigation of radon background
- Mitigation of surface contamination background
- Crystal scintillators, radio-purity, crystal growth, and application to rare-event searches
- Liquid scintillator and water Cherenkov: radio-purity, purification methods
- Radio-purity assay and databases
- Detectors with liquid noble gases for rare-event searches
- Bolometers for rare-event searches
- Semiconductor detector backgrounds, production
- Low-background material production (including advanced machining and 3D printing)
- Particle background impacts on quantum information systems and quantum computing

Also: Stanley Howard remembrance

Welcome to LRT2022!

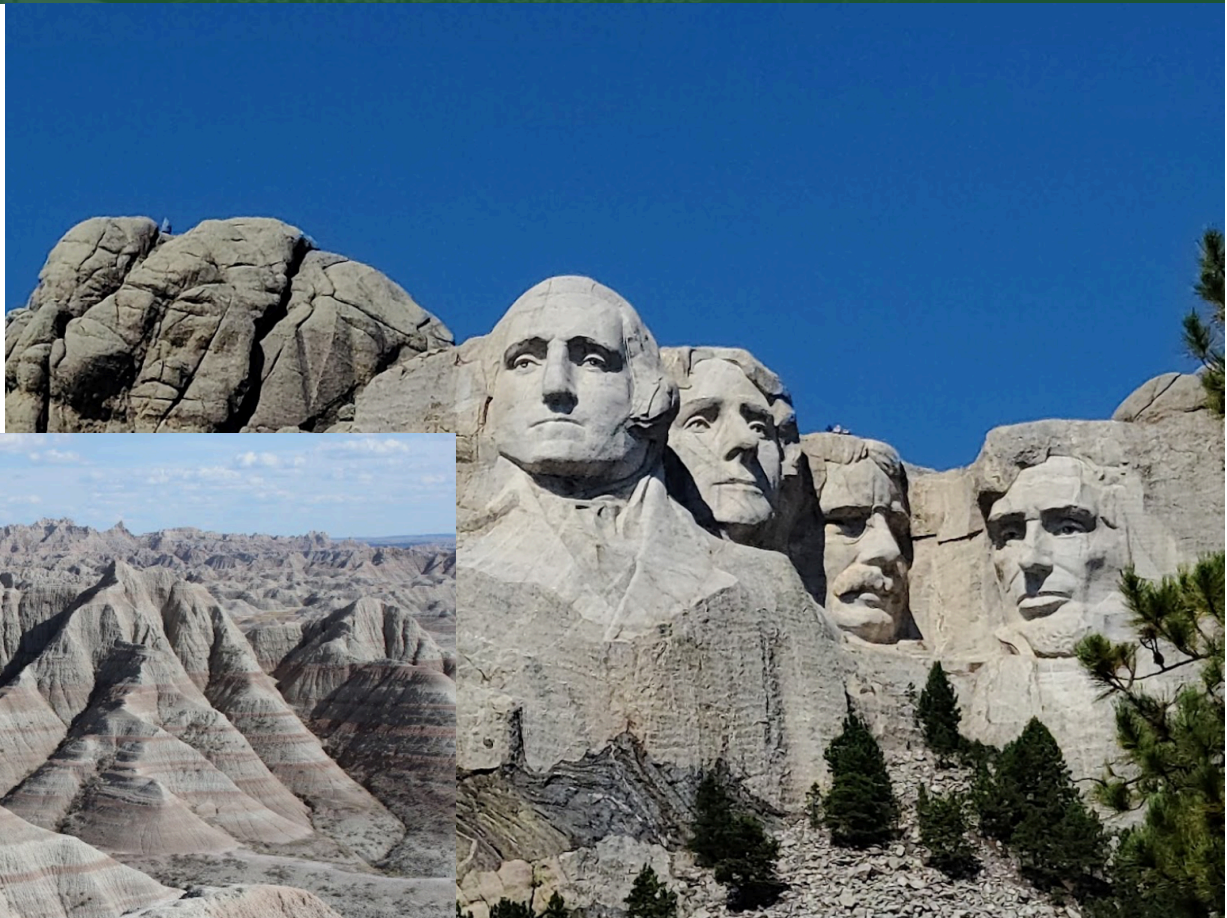
Committees



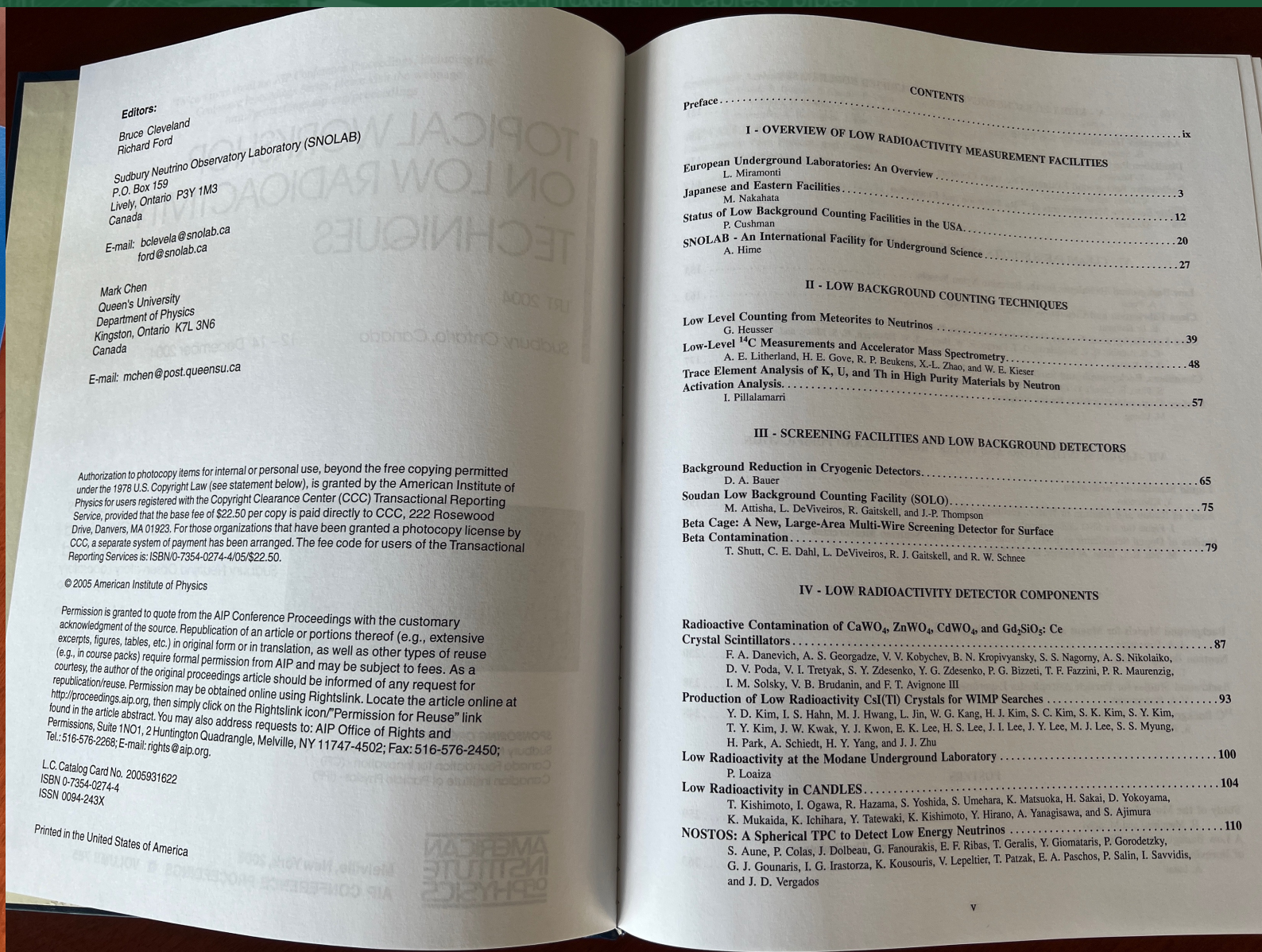
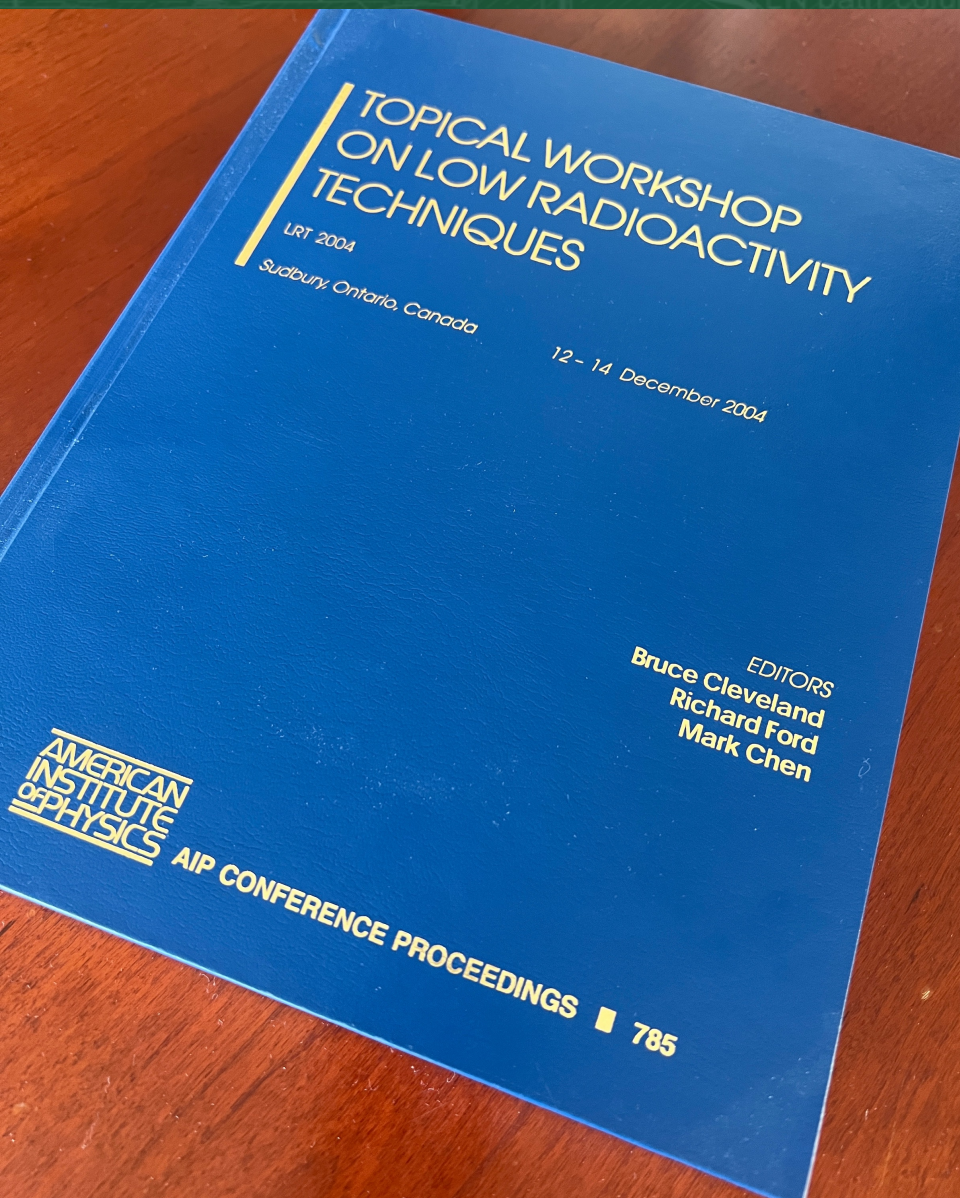
Overview	Science Advisory Committee	Local Organizing Committee
Topics		
Timetable		
Call for Abstracts		
My Conference		
My Contributions		
Registration		
Payment		
Participant List		
Travel Information		
Travel Awards		
COVID-19-related Information and Policies		
Accommodations		
Venue and General Information		
Proceedings		

Welcome to LRT2022!

Excursions



Welcome to LRT2022!



Welcome to LRT2022!

LRT2004 authors represented at LRT2022, incl:

- Miramonti
- Schnee
- Loaiza
- Zuzel
- Hoppe
- Formaggio
- Kudryavtsev

Not to mention Ford (editor)

Thanks to LRT Science Advisory Committee for including SD Mines and SURF in the venerable lineage of this important workshop

Some were more successful than others in their pandemic travels. In any case, we hope that **everyone enjoys the workshop!**