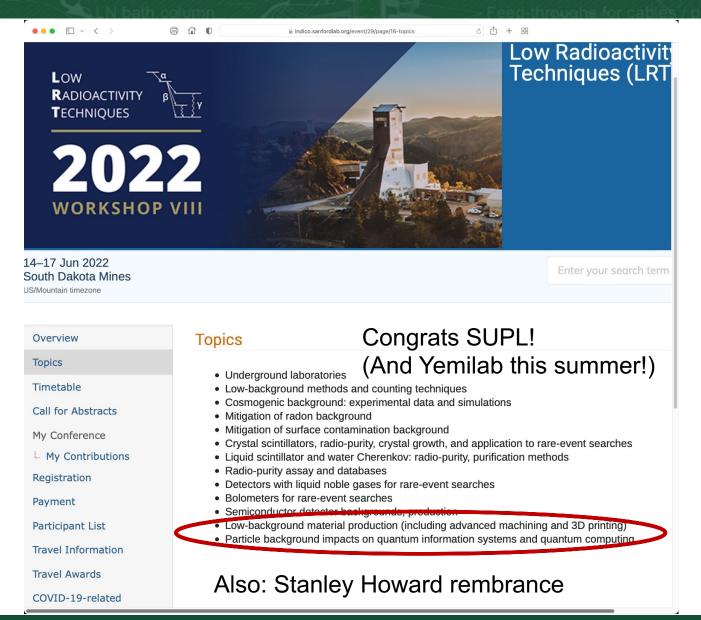


LRT2022 Closeout

Co-Hosted by SD Mines & SURF

LRT2022 - Topics

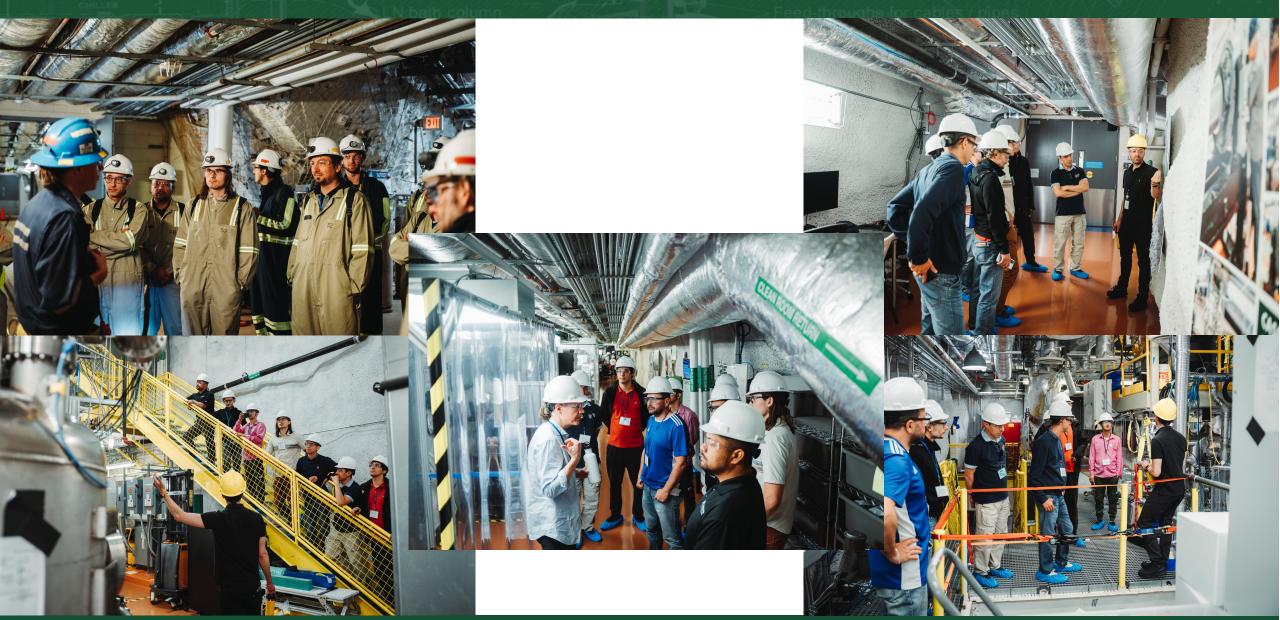


LRT – Recent Years

	2022 Rapid City, USA	2019 Jaca, Spain	2017 Seoul, South Korea	2015 Seattle, USA	2013 Assergi, Italy
Participants	88	96	68	118	83
Presentations	74	75	65	72	65
Talks	53 (1020 min)	66 (1390 min)	53 (1060 min)	51 (1020 min)	40 (840 min)
Posters	21	9	12	21	25
Excursions	SURF (44); Rushmore/ Badlands/ Custer (~55)	LSC; Train Station, Castle	Y2L	N/A	LNGS

- -

LRT2022 – SURF Tours



LRT2022 - SURF Tours



LRT2022 – Workshop Photo



LRT2022 Help – Committees



Low Radioactivity Techniques (LRT2022)

८ 🖒 + 88



Low Radioactivity Techniques (LRT2022)

c 1 + m

14–17 Jun 2022 South Dakota Mines

US/Mountain timezone

nter your search term

14–17 Jun 2022 South Dakota Mines

US/Mountain timezone

• • • • · · · · ·

nter your search term

Q

Overview

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

Science Advisory Committee Jaret Heise (SAC Chair, LOC) Mark Chen Priscilla Cushman Jason Detwiler Jacques Farine Richard Ford Eric Hoppe Markus Horn (LOC) Aldo Ianni Vitaly Kudryavtsev Matthias Laubenstein Douglas Leonard Kevin Lesko Pia Loaiza Yue Meng Lino Miramonti Brianna Mount (LOC) Carlos Peña Garay Alan Poon Richard Schnee (LOC Chair) Jingbo Wang Zeng Zhi Laresa Yasinowski (SAC Administration)

Overview

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

Local Organizing Committee

Richard Schnee (South Dakota Mines), Local Organizing Committee Chair

indico.sanfordlab.org/event/29/page/18-local-organizing-committee

Jaret Heise (SURF), Science Advisory Committee Chair

Cabot-Ann Christofferson (South Dakota Mines)

Markus Horn (SURF)

Brianna Mount (Black Hills State University)

Juergen Reichenbacher (South Dakota Mines)

Doug Tiedt (SURF)

Jingbo Wang (South Dakota Mines)

LRT2022 Help – SD Mines + SURF

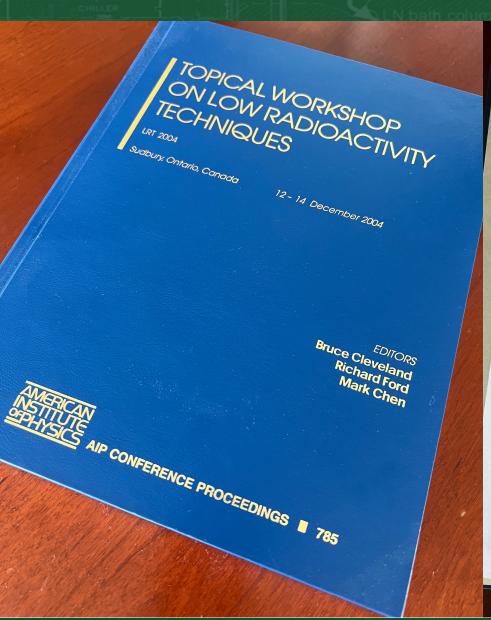
SD Mines

Acharya, Khimananda Dowding, Michael Finnesand, Dane Genovesi, Jack Haiston, James Haque, Nurul Johnson, Walker Kadlecek, Thomas Krosschell, Connie Lama, Bhubnesh Leon Siverio, Diana Lindsey, Stephanie Rodriguez, Jairo Schleich, Sam Sharma Timalsina, Madan White, Paul Wykoff, Kevin

SURF

Berry, Amanda Hanhardt, Mark Hansen, Ashley Hockhalter, Jay Johnston, Melissa Knight, Chad Knight, Mandy Olsen, Calvin Varland, Robyn

LRT2022 Next Steps – Proceedings



Editors:

Bruce Cleveland
Richard Ford

Sudbury Neutrino Observatory Laboratory (SNOLAB)

Sudbury Neutrino Observatory Laboratory (SNOLAB)

P.O. Box 159
Lively, Ontario P3Y 1M3
Canada

E-mail: bclevela@snolab.ca
ford@snolab.ca

Mark Chen
Queen's University
Department of Physics
Kingston, Ontario K7L 3N6

Authorization to photocopy items for internal or personal use, beyond the free copying permitted under the 1978 U.S. Copyright Law (see statement below), is granted by the American Institute of Physics for users registered with the Copyright Clearance Center (CCC) Transactional Reporting

Physics for users registered with the Copyright Clearance Center (CCC) Transactional Reporting Service, provided that the base fee of \$22.50 per copy is paid directly to CCC, 222 Rosewood Drive, Danvers, MA 01923. For those organizations that have been granted a photocopy license by CCC, a separate system of payment has been arranged. The fee code for users of the Transactional Reporting Services is: ISBN0-7354-0274-4/05/\$22.50.

© 2005 American Institute of Physics

E-mail: mchen@post.queensu.ca

Permission is granted to quote from the AIP Conference Proceedings with the customary acknowledgment of the source. Republication of an article or portions thereof (e.g., extensive excerpts, figures, tables, etc.) in original form or in translation, as well as other types of reuse (e.g., in course packs) require formal permission from AIP and may be subject to fees. As a courtesy, the author of the original proceedings article should be informed of any request for republication/reuse. Permission may be obtained online using Rightslink. Locate the article online at found in the article abstract. You may also address requests to: AIP Office of Rights and Tel.:516-576-2268, E-mail: rights@aip.oro.

L.C. Catalog Card No. 2005931622 ISBN 0-7354-0274-4 ISSN 0094-243X

Printed in the United States of America

I - OVERVIEW OF LOW RADIOACTIVITY MEASUREMENT FACILITIES II - LOW BACKGROUND COUNTING TECHNIQUES Low Level Counting from Meteorites to Neutrinos Low-Level ¹⁴C Measurements and Accelerator Mass Spectrometry. A. E. Litherland, H. E. Gove, R. P. Beukens, X.-L. Zhao, and W. E. Kieser Trace Element Analysis of K, U, and Th in High Purity Materials by Neutron III - SCREENING FACILITIES AND LOW BACKGROUND DETECTORS Soudan Low Background Counting Facility (SOLO).... M. Attisha, L. DeViveiros, R. Gaitskell, and J.-P. Thompson Reta Cage: A New, Large-Area Multi-Wire Screening Detector for Surface T. Shutt, C. E. Dahl, L. DeViveiros, R. J. Gaitskell, and R. W. Schnee IV - LOW RADIOACTIVITY DETECTOR COMPONENTS Radioactive Contamination of CaWO4, ZnWO4, CdWO4, and Gd2SiO5: Ce F. A. Danevich, A. S. Georgadze, V. V. Kobychev, B. N. Kropivyansky, S. S. Nagorny, A. S. Nikolaiko, D. V. Poda, V. I. Tretyak, S. Y. Zdesenko, Y. G. Zdesenko, P. G. Bizzeti, T. F. Fazzini, P. R. Maurenzig. I. M. Solsky, V. B. Brudanin, and F. T. Avignone III Y. D. Kim, I. S. Hahn, M. J. Hwang, L. Jin, W. G. Kang, H. J. Kim, S. C. Kim, S. K. Kim, S. Y. Kim, T. Y. Kim, J. W. Kwak, Y. J. Kwon, E. K. Lee, H. S. Lee, J. I. Lee, J. Y. Lee, M. J. Lee, S. S. Myung, H. Park, A. Schiedt, H. Y. Yang, and J. J. Zhu Low Radioactivity in CANDLES......104 T. Kishimoto, I. Ogawa, R. Hazama, S. Yoshida, S. Umehara, K. Matsuoka, H. Sakai, D. Yokoyama, K. Mukaida, K. Ichihara, Y. Tatewaki, K. Kishimoto, Y. Hirano, A. Yanagisawa, and S. Ajimura S. Aune, P. Colas, J. Dolbeau, G. Fanourakis, E. F. Ribas, T. Geralis, Y. Giomataris, P. Gorodetzky, G. J. Gounaris, L. G. Irastorza, K. Kousouris, V. Lepeltier, T. Patzak, E. A. Paschos, P. Salin, I. Savvidis, and J. D. Vergados

LRT2022 Next Steps – Proceedings

Schnee LRT message Jun 11:

It is not too early to be thinking about the workshop proceedings. Based on the results of our registration survey, which indicated over 70% of registrants favored our having refereed proceedings, we have decided to have refereed proceedings. The expectation will be that each paper author whose rank is post-doc or higher will referee two other papers. In order to publish the proceedings in a timely manner, we would like paper submissions by July 29, 2022, with the goal of completing the refereeing process by the end of August.

Stay tuned for more information...

LRT2022 - SD Mines Physics Lab Tour (~Now)

