

Christine Anita Kraus, Ph.D. (she/her)

Curriculum Vitae

Senior Research Scientist SNOLAB
Adjunct Laurentian University
Sudbury, ON
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705-561-8413

Education

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| B.Sc. (Honours Physics) equivalent,
Johannes Gutenberg Universität Mainz (Germany) | 1999 |
| M.Sc. (Physics) equivalent, Diploma, supervised by Dr. Ernst Otten
Johannes Gutenberg Universität Mainz (Germany)
Simulations on Mainz Neutrino Mass experiment: tachyons, etc. | 2000 |
| Ph.D. (Physics), supervised by Dr. Christian Weinheimer
Johannes Gutenberg Universität Mainz (Germany)
Final Analysis of the Mainz Neutrino Mass experiment. | 2004 |

Recognitions

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| Breakthrough Prize in Fundamental Physics (co-recipient)
The Breakthrough Foundation | 2016 |
| 40 under 40 award Sudbury | 2011 |
| Inaugural John C. Polanyi Award (co-recipient)
NSERC, awarded to SNO experiment | 2006 |

Employment History

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| Senior Research Scientist
SNOLAB, Adjunct Laurentian University with full supervisory rights and
PI for SNO+ grant Laurentian/SNOLAB | 2021 - present |
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Professor 2010 – 2021
Canada Research Chair (Tier II) in Particle Astrophysics 2010 to 2019
promoted to Associate, July 2015

Research Scientist 2009
SNOLAB

Postdoctoral Fellow 2004 – 2009
SNO experiment – later also SNO+, Queen’s University

Research

SNO+ Collaboration 2008 – present
PI for Laurentian/SNOLAB, Site Activity Coordinator, SNO+ Board Chair (2014),
SNO+ Executive Committee Member
Calibration Hardware Development, Calibration Deployment and Analysis, Assay
Program, Background Studies, Cavity and Detector Installations and
Commissioning, Detector Manager (2009 – 2015)

SNO Collaboration 2004 – present
Calibration Deployment, Background Alpha Counters, Systematics Coordinator
for Phase Three Results

HALO Collaboration - Member 2012 – present

HALO-1kt Collaboration - Member 2015 – present

THEIA Proto-Collaboration 2016 - present
Collaboration Member, Speakers Committee

Mainz Neutrino Mass experiment 1999 – 2004
Final Measurement Runs and Final Analysis

Scientific Committee Services

IPP (Institute for Particle Physics) Council 2015 – 2018

SNOLAB Strategic Plan 2023-2029 Advisory Committee	2021
SNOLAB Strategic Plan 2017-2022 Steering Committee	2016
SNOLAB experiment forum (SEF), <i>Co-chair for 2019-2021</i>	2014 – present
McDonald Institute – Faculty Search Review Committee	2016, 2017
CAP Treasurer	2019 – present
CAP Division Chair for PPD	2014 – 2015
CAP Regional Councillor	2011 – 2013
Gutachter Ausschuss BMBF “Universum” Erforschung von Universum und Materie – erUM” (Review for erman unding agency for large projects in Particle Astrophysics and Astrophysics)	2017 – 2020 2020 – 2023

Professional Societies

CAP (Canadian Association of Physicists), PPD and DGEP
 IPP (Institute for Particle Physics)
 DPG (Deutsche Physikalische Gesellschaft)

Research Grants

Canada Research Chair – Tier II: \$100 000 per year	2010 – 2019
CFI for CRC – calibration hardware development ~86k Laurentian portion	2010 – 2014
CFI for CRC – material screening, assays ~91k Laurentian portion	2015 – 2019

SNO+ NSERC grants Laurentian/SNOLAB portion

Year	Amount
2010 – 2011	263,000
2011 – 2012	268,000
2012 – 2013	339,500
2013 – 2014	358,500
2014 – 2015	364,500
2015 – 2016	432,500
2016 – 2017	405,500
2017 – 2018	383,000
2018 – 2019	381,000

In addition, co-applicant for HALO and HALO-1kt grants, which range from 40k to 90k per year, currently 65k.

2019 – 2020	383,000
2020 – 2021	385,000

Teaching

Graduate student supervision

4 Ph.D. (only available from 2015 onwards)

Name	Time	Title	After
Zachariah Barnard	2015 – 2017	N16 analysis, incomplete	SNOLAB senior operator, industry in Finland
Janet Rumleskie	2016 -	Pre-SN detector, SN simulations	Defending this summer
Pouya Khaghani	2017 -	N16 analysis, Background studies	Writing
Jamie Grove	2020 -	AmBe analysis, Laserball	

10 M.Sc.

Name	Time	Title	After
Zachariah Barnard	2011 – 2013	Low Radon Permeable Gloves and Laserball Simulations for SNO+	Teaching in Toronto
Caitlyn Darrach	2012 – 2016	Supernova Calibration Source	Various jobs, including teaching
Pouya Khaghani	2013 – 2015	Neck Sense Rope Positioning and Leaching Studies	Continued on SNO+ for 1 year
Janet Rumleskie	2013 – 2015	Evaluating SNO+ Background through Rn assays and simulation of alpha/n	Continued as Ph.D. student
Ingrida Semeneć	2015 – 2017	Simulations of AmBe source shielding needs and water analysis	Ph.D. Queen's University
Philip Rost	2015 – 2019	Supernova Burst Analysis	SNOLAB senior operator, mechanical engineering
Pooja Woosaree	2016 – 2018	Assays and Background Studies	Ph.D. UCalgary
Jamie Grove	2019 – 2020	Anti-nu studies	Direct entry to Ph.D.
Adil Hussain	2019 – 2021	Radon assays and Background Studies	Ongoing
Shengzhao Yu	2020 – 2022	Background Studies and Rn assays	Ongoing

Undergraduate (co-op and summer)

> 50 students

Students highlighted in red are high school students and students high lighted in green received a NSERC USRA.

Year	Winter	Summer	Fall
2010		Justin <u>Viau</u> , Andrew Moss	Justin <u>Viau</u>
2011	Zheng Cui, Connie Storey	Kevin Marshall, Caitlyn <u>Darrach</u> , Melissa <u>Legault</u>	Ian Smith, <u>Rui Xiu Hu</u>
2012	Ian Smith, Kevin Liang, <u>Rui Xiu Hu</u>	Daniel Resnick, Phil <u>Rost</u> , <u>Darryn Cressy</u>	Michael <u>Lecours</u> , <u>Darryn Cressy</u>
2013	Andy <u>Stripay</u> , <u>Randy Perron</u> , <u>Darryn Cressy</u>	Andy <u>Stripay</u> , Sarah <u>Stamplecoski</u> , Phil <u>Rost</u> , Zackery Blair, <u>Darryn Cressy</u> , Matt <u>Depatie</u> , Nick <u>Duhaime</u>	Christopher <u>Pashartis</u> , <u>Raideep Kaur</u> , Nick <u>Duhaime</u>
2014	Christopher <u>Pashartis</u> , <u>Chloe Gagnon</u>	<u>Megan Van Alstine</u> , Jerin Roberts, Phil <u>Rost</u> , <u>Chloe Gagnon</u> , <u>Elsbeth Cudmore</u> , Matt <u>Depatie</u>	Brandon Yee, <u>Jamie Breault</u>
2015	<u>Jamie Breault</u>	Michael Zhu Shantz, <u>Rachel Richardson</u> , Phil <u>Rost</u> , <u>Graham Berardi</u> , Chris Connors, <u>Elsbeth Cudmore</u> , Matt <u>Depatie</u>	Emma <u>Ellingwood</u> , <u>Jasmine Gauthier</u> , <u>Graham Berardi</u>
2016	Emma <u>Ellingwood</u> , <u>Jasmine Gauthier</u>	<u>Josheph Lindon</u> , <u>Rachel Richardson</u> , <u>Graham Berardi</u> , Chris Connors, <u>Melodie Cyr</u>	Joshua Sheridan, <u>Daniel Pracovics</u>

Year	Winter	Summer	Fall
2017	Joshua Sheridan <u>Daniel Pracovics</u>	Stephanie Walton, <u>Daniel Pracovics</u> , <u>Rachel Richardson</u> , Patrick Hatch, <u>Fangwei Chang</u>	<u>Daniel Pracovics</u> , Chris Connors
2018	Chris Connors	Stephanie Walton, Patel Kush, <u>Jamie Grove</u> , Chris Connors, <u>Melodie Cyr</u> , <u>Dominique Delay</u>	<u>Grace Woodliffe</u> , <u>Jedri de Luna</u> , <u>Rhea Gaur</u> , Vincent Albanese
2019	<u>Grace Woodliffe</u> , Evan <u>Vienneau</u> , <u>Jedri de Luna</u> , <u>Rhea Gaur</u> , Vincent Albanese	Evan <u>Vienneau</u> , Stephanie Walton, <u>Jazmyn Zarichney</u> , <u>Connor Felber</u> , Vincent Albanese, <u>Dominique Delay</u>	<u>Connor Felber</u> , Vincent Albanese
2020	Chanel <u>Tanguay</u>	Chanel <u>Tanguay</u> , <u>Sarah Poulin</u> , <u>Huba Khan</u> , Anthony <u>Allega</u> , <u>Caroline Deluce</u>	Chanel <u>Tanguay</u> , <u>Parmesh Ravi</u> , <u>Melodie Cyr</u> , <u>Caroline Deluce</u>
2021	Chanel <u>Tanguay</u> , <u>Parmesh Ravi</u> , <u>Melodie Cyr</u> , <u>Caroline Deluce</u>	Keegan <u>Paleshi</u> , <u>Parmesh Ravi</u> , <u>Victoria Howard</u> , <u>Huba Khan</u> , <u>Caroline Deluce</u> , Anthony <u>Allega</u>	

4th year thesis supervision

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Topics typically related to calibration hardware, covergas or radon.

Graduate courses

Graduate level courses in the specific field typically have a small number of students participating at a given year (2-4) and therefore are typically taught as unpaid overloads, often shared between a few teachers. I have taught modules on neutrino mass, neutrino oscillations, cosmology, low background counting, etc.

Selected Topics in Experimental Physics, Non-Accelerator Particle Physics

Undergraduate courses

First Year Physics (~250 students);

Second year level:

Electricity and Electronics (120 student in 2010, then about 25 after)

Modern Optics (10-15 students)

Modern Physics (~25 students)

Physics of Hearing and Vision (~20 students)

Third Year Lab (~8 students);

Fourth Year Directed Studies (typically 2-4 students) *Topics around SNOLAB physics, astronomy, cosmology, general relativity, etc.*

Administrative duties – selection

Laurentian University SENATE	2019 – present
Academic Planning Senate sub-committee (ACAPLAN), including Academic Strategic Plan	2017 – present
Research Council, including Research Strategic Plan	2015 – 2019
Graduate Coordinator M.Sc. Physics, Ph.D. Material Science	2019 – present
SEA (Science, Engineering and Architecture) Executive	2019 – present
SEA Faculty Council	2016 – present
Undergraduate Advisor	2018 – present
Women in Physics Rep	2012 – present
Promotion Committee Chair Physics (Outreach)	2010 - 2019

Events - recent

CAP Conference (VOC member)	2021
CAP U-prize exam coordination	2019 – present
EDI workshop for graduate students	2019 – present
International Conference on Topics in Astroparticle and Underground Physics (TAUP) – chair of LOC	2017
CAP Conference (LOC co-chair)	2014
CAM – Graduate Student Physics Conference, Faculty advisor	2019
TRISEP – Tri-institute Summer School in Elementary Particle Physics	2014, 2017, 2021

Recent Presentation and Workshops

WIPC (Women in Physics in Canada) 2020 invited speaker – postponed to 2021	
The international Workshop “Massive Neutrinos” invited speaker on “Search for Neutrinoless Double Beta Decay in Liquid Scintillator”	2019
SNOLAB Future Projects Workshop invited speaker “Current Status of SNO+”	2019
International Day of Women and Girls in Science “Neutrinos”	2018
IPP AGM SNO+ update talk	2017
CAP invited talk on SNO+	2016

Recent Publications

- Albanese, V. et al., The SNO+ Experiment, 2104.11687, arXIV:Physics.ins-det, 2021 – accepted by **JINST**
- Anderson, M. R. et al., SNO+ Collaboration, Development, characterisation, and deployment of the SNO+ liquid scintillator, 2011.12924, arXiv:physics.ins-det, 2020 - **JINST 16** (2021) P05009
- Aharmim, B. et al., SNO Collaboration, Search for hep solar neutrinos and the diffuse supernova neutrino background using all three phases of the Sudbury Neutrino Observatory, **Phys. Rev.D102**, 062006, 2020.
- Anderson, M. R. et al., SNO+ Collaboration, Measurement of neutron-proton capture in the SNO+ water phase, **Phys. Rev.C102**, 014002, 2020.
- Askins, M. et al., THEIA Collaboration, An advanced optical neutrino detector, **EPJC80**, 416, 2020
28 citations
- Aharmim, B. et al., SNO Collaboration, Cosmogenic Neutron Production at the Sudbury Neutrino

- Observatory, **Phys. Rev.D100**, 112005, 2019.
- Aharmim, B. et al., SNO Collaboration, Measurement of Neutron Production in Atmospheric Neutrino Interactions at the Sudbury Neutrino Observatory, **Phys. Rev.D99**, 112007, 2019.
- Anderson, M. R. et al., SNO+ Collaboration, Search for invisible modes of nucleon decay in water with the SNO+ detector, **Phys. Rev.D99**, 032008, 2019. *25 citations*
- Anderson, M. R. et al., SNO+ Collaboration, Measurement of the 8B solar neutrino flux in SNO+ with very low backgrounds, **Phys. Rev.D99**, 012012, 2019. *22 citations*
- Aharmim, B. et al., SNO Collaboration, Constraints on Neutrino Lifetime from the Sudbury Neutrino Observatory, **Phys. Rev.D99**, 032013, 2019. *20 citations*
- Aharmim, B. et al., SNO Collaboration, Tests of Lorentz invariance at the Sudbury Neutrino Observatory, **Phys. Rev.D98**, 112013, 2018
- O. Chkvorets, C. Kraus, J. Juettler, V. Lozza, B. von Krosigk, K. Zuber, A tin-loaded liquid scintillator approach for the 2 neutrino double-beta decay measurement of Sn-124, 1707.08001 [physics.ins-det], 2017
- Aharmim, B. et al., SNO Collaboration, Search for neutron-antineutron oscillations at the Sudbury Neutrino Observatory, **Phys. Rev.D96**, 092005, 2017. *32 citations*
- B.von Krosigk, M. Chen, S. Hans, A.R. Junghans, T. Kögler, C. Kraus, L. Kuckert, X. Liu, R. Nolte, H.M. O’Keefe, H.S. Wan Chan Tseung, J.R. Wilson, A. Wright, M. Yeh, K. Zuber, Measurement of α -particle quenching in LAB based scintillator in small-scale experiments, **The European Physical Journal C76**, 3(1-13), 2016
- A. Bialek, M.Chen, B. Cleveland, P. Gorel, A. Hallin, P.J. Harvey, J. Heise, C.Kraus, C.B. Krauss, I. Lawson, C.J. Ng, B. Pinkney, D.M. Rogowsky, L. Sibley, R. Soluk, J. Soukup, E. Vazquez-Jauregui, A rope-net support system for the liquid scintillator detector for the SNO+ experiment, **Nucl.Instrum.Meth.A**, 827 152-160, 2016
- Andringa, S. et al., SNO+ Collaboration, Current Status and Future Prospects of the SNO+ Experiment, **Advances in High Energy Physics**, Vol. 2016, 6194250 *237 citations*
- R. Alves, S. Andringa, S. Bradbury, J. Carvalho, D. Chauhan, K. Clark, I. Coulter, F. Descamps, E. Falk, L. Gurriana, C. Kraus, G. Lefaeuvre, A. Aio, J. Maneir, M. Mottram, S. Peeters, J. RoseL. Seabra, J. Sinclair, P. Skensved, J. Waterfiled, R. White, J.R. Wilson, The Calibration system for the photomultiplier array of the SNO+ experiment, **JINST** Vol. 10, P03002, 2015

Earlier Publications

- Aharmin, B. et al., SNO Collaboration, A Search for Astrophysical Burst Signals at the Sudbury Neutrino Observatory, **Astropart.Phys55**, 1-7, 2014 *22 citations*

C. Kraus, A. Singer, K. Valerius, C. Weinheimer, Limit on sterile neutrino contribution from the Mainz Neutrino Mass Experiment, **Eur. Phys.J.C73**, 2323, 2013 52 citations

Aharmin, B. et al., SNO Collaboration, Combined Analysis of all Three Phases of Solar Neutrino Data from the Sudbury Neutrino Observatory, **PhysRevC88**, 025501, 2013 473 citations

Aharmin, B. et al. SNO Collaboration, Measurement of the ν_e and Total ^8B Solar Neutrino Fluxes with the Sudbury Neutrino Observatory Phase-III Data Set, **PhysRevC87**, 015502, 2013 73 citations

B. Beltran, H. Bichsel, B. Cai, G.A. Cox, H. Deng, J. Detwiler, J.A. Formaggio, S. Habib, A.L.Hallin, A. Hime, M. Huang, C. Kraus, H.R. Leslie, J.C. Loach, R. Martin, S. McGee, M.L. Miller, B. Monreal, J. Monroe, N.S. Oblath, S.J.M. Peeters, A.W. Poon, G. Prior, K. Rielage, R.G.H. Robertson, M.W.E. Smith, L.C. Stonehill, N. Tolich, T. Van Wechel, H. Wan Chan Tseung, J. Wendland, J.F. Wilkerson, A. Wright, A Monte Carlo simulation of the Sudbury Neutrinos Observatory proportional counters, **New J.Physics** 13, 073006, 2011 6

H.M. O’Keeffe, T.H. Burritt, B.T. Cleveland, G. Doucas, N. Gagnon, N.A. Jelley, C. Kraus, I.T. Lawson, S. Majerus, S.R. McGee, A.W. Myers, A.W.P. Poon, K. Rielage, R.G.H. Robertson, R.C. Rosten, L.C. Stonehill, B.A. VanDevender, T.D. Van Wechel, Four methods for determining the composition of trace radioactive surface contamination of low-radioactivity metal, **Nucl.Instrum.MethA**, 659 182-192, 2011 3

B. Aharmim et al., SNO Collaboration, Low Multiplicity Burst Search at the Sudbury Neutrino Observatory, **AstrophysJ.**, 728 83, 2011 14

Christine Kraus, SNO+ Collaboration – Contribution to: International School of Nuclear Physics: Neutrinos in Cosmology, in Astro-, Particle- and Nuclear Physics, **Prog.Part.Nucl.Phys.** 64, 273-277, 2010
60 citations

M.A. Schumaker, A. Boeltzig, T.H. Burritt, C.A. Duba, F. Duncan, J. Farine, A. Habig, A. Hime, M.A. Howe, A. Kievik, C. Kraus, K. Nicholson, R.G.H. Robertson, K. Scholberg, J. Secrest, T.C. Shantz, C.J. Virtue, J.F. Wilkerson, S. Yen, K. Zuber, Data acquisition for the Helium and Lead Observatory, **NSS/MIC 2010/ RISD 2010**, 1860-1865, 2010

K. Boudjemline, B. Cai, B.T. Cleveland, H.C. Evans, H.C. Ewan, J. Farine, R.J. Ford, E. Guillian, A.L. Hallin, E.D. Hallman, C. Howard, P. Jagam, N.A. Jelley, K.J. Keeter, J.R. Klein, C. Kraus, C.B. Krauss, R. Lange, I.T. Lawson, J.C. Loach, A.B. McDonald, G. McGregor, A.J. Noble, H.M.)’Keeffe, S.J.M. Peeters, A.W.P. Poon, S.D. Reitzner, K. Rielage, R.G.H. Robertson, V.I. Rusu, S.R. Seibert, P. Skensved, M.M. Thomson, The Calibration of the Sudbury Neutrino Observatory using uniformly distributed radioactive sources, **Nucl.Instrum.Meth.A** 620, 171-181, 2010

- B. Aharmim et al., SNO Collaboration, Searches for High frequency Variations in the ^8B Solar Neutrino Flux at the Sudbury Neutrino Observatory, **Astrophys.J.** 710, 540-548, 2010 *21 citations*
- B. Aharmim et al., SNO Collaboration, Low Energy Threshold Analysis of the Phase I and Phase II Data Sets of the Sudbury Neutrino Observatory, **Phys.Rev.C** 81, 055504, 2010 *392 citations*
- B. Aharmim et al. SNO Collaboration, Measurement of the Cosmic Ray and Neutrino-Induced Muon Flux at the Sudbury Neutrino Observatory, **Phys.Rev.D** 80, 012001, 2009 *66 citations*
- B. Aharmim et al. SNO Collaboration, An Independent Measurement of the Total Active B-8 Solar Neutrino Flux Using an Array of He-3 Proportional Counters at the Sudbury Neutrino Observatory, **Phys.Rev.Lett.** 101, 111301, 2008
- J.F. Amsbaugh, J.M. Anaya, J.B. Banar, T.J. Bowles, M.C. Browne, T.V. Bullard, T.H. Burritt, G.A. Cox,-Mobrand, X. Dai, H. Deng, M. Di Marco, P.J. Doe, M.R. Dragowsky, C.A. Duba, F.A. Duncan, E.D. Earle, S.R. Elliott, F.I. Esch, H. Fergani, J.A. Formaggio, M.M. Fowler, J.E. Franklin, P. Geissbuhler, J.V. Germani, A. Goldschmidt, E. Guillian, A.L. Hallin, G. Harper. P.J. Harvey, R. Hazama, .M. Heeger, J. Heise, A. Hime, M.A. Howe M. Huang, L.L. Kormos, C. Kraus, C.B. Krauss, J. Law, I.T. Lawson, K.T. Lesko, J.C. Loach, S. Majerus, J. Namor, S. McGee, k.K.S. Miknaeitis, G. G. Miller, B. Morissette, A. Myers, N.S. Oblath, H.M. O’Keeffee, R. W. Ollerhead, S.J.M. Peeters, A.W.P. Poon, G. Prior, S.D. Reitzner, K. Kielage, R.G.H. Robertson, P. Skensved, A.R. Smith, M.W.E. Smith, T.D. Steiger, N. Tolich, B.A. VanDevender, T.D. VanWechel, B.II Wall, H. Chan, T. Wan, J. Wendland, N. West, J.B. Wilhelmy, J.F. Wilkerson, J.M. Wouters, An Array of low-background He-3 proportional counters for the Sudbury neutrino observatory, **Nucl.Instrum.Meth.A** 579, 1054-1080, 2007 *78 citations*
- B. Aharmim et al., SNO Collaboration, Determination of the ν_e and total ^8B solar neutrino fluxes with the Sudbury neutrino observatory phase I data set, **Phys.Rev.C** 75, 045502, 2006 *241 citations*
- B. Aharmim et al., SNO Collaboration, A Search for Neutrinos from the Solar hep Reaction and the Diffuse Supernova Neutrino Background with the Sudbury Neutrino Observatory, **Astrophys.J.** 653, 1545-1551, 2006 *87 citations*
- C. Kraus for the SNO+ Collaboration, SNO with liquid scintillator: SNO+, Prog.Part.Nucl.Phys. 57, 150-152, 2006 *44 citations*
- B. Aharmim et al., SNO Collaboration, A Search for periodicities in the B-8 solar neutrino flux measured by the Sudbury neutrino observatory Phys.Rev.D 72, 052010, 2005 *73 citations*
- J. Angrik et al., KATRIN Collaboration: KATRIN design report 2004, 2005 *179 citations*

B. Aharmim et al., SNO Collaboration: Electron energy spectra, fluxes, and day-night asymmetries of B-8 solar neutrinos from measurements with NaCl dissolved in the heavy-water detector at the Sudbury Neutrino Observatory, **Phys.Rev.C** 72, 055502, 2005 *1009 citations*

Ch. Kraus, L. Bornschein, J. Bonn, B. Bornschein, B. Flatt, A. Kovalik, B. Müller, E.W. Otten, J.P. Schall, Th. Thümmler, Ch. Weinheimer: The Mainz Neutrino Mass Experiment, Nucl.Phys.B. Proc.Suppl. 143 499, 2005 Contribution to Neutrino 2004 4

Ch. Kraus, B.Bornschein, L. Bornschein, J. Bonn, B. Flatt, A. Kovalik, B. Ostrick, E.W. Otten, J.P. Schall, Th. Thümmler, Ch. Weinheimer: Final results from phase II of the Mainz neutrino mass experiment, **Eur.Phys.J.C** 40, 447-468, 2004 *909 citations*

C. Kraus: Current status and future prospects of neutrino direct mass – Contribution to 5th Workshop on Neutrino Oscillations and their Origin (NOON 2004), 239-246, 2004

Ch. Kraus, J. Bonn, B. Bornschein, L. Bornschein, B. Flatt et. al. – Contribution to PANIC2002 C533-C536, **Nucl.Phys.A** 721, 2003

C. Kraus et al., Latest results from the Mainz Neutrino Mass Experiment, **Eur.Phys.J.C** 33 S805-S807 – Contribution to EPS-HEP 2003, 2004

A.Osipowicz et al., KATRIN Collaboration, KATRIN: A Next generation tritium beta decay experiment with sub-eV sensitivity for the electron neutrino mass. Letter of intent, [hep-ex/0109033](https://arxiv.org/abs/hep-ex/0109033) [hep-ex] *663 citations*

J. Bonn et. al., The Mainz neutrino mass experiment, Nucl.Phys.B. Proc.Suppl. 91, 273-279, Contribution to Neutrino 2000, 2001 *235 citations*

TAUP2017 conference – editor of proceedings:

Proceedings, 15th International Conference on Topics in Astroparticle and Underground Physics (TAUP 2017) : Sudbury, Ontario, Canada, July 24-28, 2017

Editors: K. Clark, C. Jillings, C. Kraus, J. Saffin, S. Szorza, *J.Phys.Conf.Ser.* 1342 (2020) 1

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