

MacKenzie Warren – Biographical Sketch

Department of Physics and Astronomy
Michigan State University
567 Wilson Road, East Lansing, MI 48824, USA

mwarren@pa.msu.edu
<http://www.mackenzie-warren.com>
(517) 884-5606

Professional preparation

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|-------------------------------------|------------------|--------------|-------------|
| Reed College | Portland, OR | Physics | B.A., 2011 |
| University of Notre Dame | Notre Dame, IN | Physics | M.A., 2014 |
| University of Notre Dame | Notre Dame, IN | Physics | Ph.D., 2016 |
| Michigan State University (Postdoc) | East Lansing, MI | Astrophysics | 2016 – |

Appointments

Postdoctoral Research Associate 7/2016 –
Michigan State University, East Lansing, MI

Other Significant Products

J.P. Olson, **M.L. Warren**, M. Meixner, G.J. Mathews, N.Q. Lan, & H.E. Dalhed 2016, *Generalized density functional equation of state for astrophysical simulations with 3-body forces and quark gluon plasma*. arXiv:1612.08992
G.J. Mathews, **M.L. Warren**, J. Hidaka, & T. Kajino 2016, *Sterile neutrino dark matter and core-collapse supernovae*, Fourteenth Marcel Grossmann Meeting Proceedings. arXiv:1604.02431
M.L. Warren, G.J. Mathews, M. Meixner, J. Hidaka, & T. Kajino 2016, *Impact of sterile neutrino dark matter on core-collapse supernovae*, IJMPA 31, 1650137
M.L. Warren, M. Meixner, G.J. Mathews, J. Hidaka, & T. Kajino 2014, *Sterile neutrino oscillations in core-collapse supernovae*, PhysRevD, 90, 103007

Selected Synergistic Activities

- Chairperson of organizing committee for the 2017 Joint Institute for Nuclear Astrophysics-Center for the Evolution of the Elements (JINA-CEE) Frontiers in Nuclear Astrophysics conference
- Member of American Astronomical Society Committee for Sexual-Orientation & Gender Minorities in Astronomy
- Team member of Popscope astronomy outreach program

Collaborators and other affiliations

Collaborators and Co-editors

S.M. Couch (Michigan State University); S.H. Dalhed (Lawrence Livermore National Laboratory); J. Hidaka (Meisei University); T. Kajino (National Astronomical Observatory of Japan); N.Q. Lan (Hanoi National University of Education); G. McLaughlin (North Carolina State University); G.J. Mathews (University of Notre Dame); M. Meixner (Johns Hopkins University); J. Rueda (University of Rome); R. Ruffini (University of Rome)

Graduate Advisors and Postdoctoral Sponsors

S.M. Couch (Michigan State University); G.J. Mathews (University of Notre Dame, PhD advisor)

Postdoctoral Advisees:

None

Graduate Advisees:

None