

## Selected Presentations

**Rachel N. Slaybaugh**

October 27, 2014

- R.N. Slaybaugh “The PyNE Software Library: Why and How?” ANS Northern California local section Meeting. San Francisco, CA. 22 October 2014. (invited)
- R.N. Slaybaugh “The Resonance Factor Method: Accelerating Monte Carlo in the Presence of Space and Energy Self-Shielding.” CEA-Saclay Colloquium. Saclay, France. 26 June 2014.
- R.N. Slaybaugh, T.M. Evans, P.P.H. Wilson, S.C. Wilson. “Radiation Transport: Computational Methods and Real-World Use.” NC State Univ. NE Dept. Graduate Colloquium. Raleigh, NC. 8 Nov. 2012. (invited)
- R.N. Slaybaugh. “Acceleration Methods for Massively Parallel Deterministic Transport.” KAPL Employment Meeting. Niskayuna, NY. 30 August 2011. (invited)
- R. Slaybaugh, M. Arbidze, S. Lamichhane, D. O’Connor. “An Evaluation of European Union Energy Policies.” UW–Madison Center for World Affairs and the Global Economy Seminar. Madison, WI. 11 May 2011.
- R.N. Slaybaugh. “Krylov Methods and JFNK.” UW–Madison Radiation Hydrodynamics Meeting. Madison, WI. 16 Dec 2010. (invited)
- R.N. Slaybaugh, T.M. Evans, G.G. Davidson. “Parallel Algorithms for Fixed-Source and Eigenvalue Problems.” 2010 SIAM Annual Meeting. Pittsburgh, PA. 12-16 July 2010.
- R.N. Slaybaugh. “Variance Reduction in MC21 using Forward Adjoint Variance Reduction (FAVRE).” Naval Reactors Shielding Video-conference. Pittsburgh, PA. August 2010.
- R.N. Slaybaugh. “MC21 Jaguar Coupling for Variance Reduction.” KAPL Physics Forum. Niskayuna, NY. July 2009.