Outstanding Student Paper Awards

The following members received Outstanding Student Paper Awards at the 2013 AGU Fall Meeting in San Francisco, Calif. Winners have individual pages on AGU’s website at http://membership.agu.org/ospa-winners/. See also “Outstanding Student Paper Awards” published previously (Eos, 95(3), 30; Eos, 95(4), 37; and Eos, 95(5), 51). Look to future issues of Eos for more award winners.

PAGE 57

Mineral and Rock Physics (MRP)

Marwen Chaouachi, Georg-August-Universität Göttingen, Direct observations of gas-hydrate formation in natural porous media on the micro-scale

Tanvi Dhiren Chheda, Cornell University, High pressure behavior of phlogopite using neutron diffraction and first principle simulations

Natural Hazards (NH)

Yen Joe Tan, Lafayette College, Simulations of tsunami triggered by the 1883 Krakatau Volcanic eruption: Implications for tsunami hazard in the South China Sea

Near-Surface Geophysics (NS)

Denys Grombacher, Stanford University, Water content estimates from surface NMR: The impact of off-resonance effects

Martin Schwed, Baylor University, Seismic site characterization through joint modeling of complementary data functionals, with applications to Santo Domingo, Dominican Republic

Nonlinear Geophysics (NG)

Mohammadreza Mohammad Khaninezhad, University of Southern California, Subsurface flow model calibration under uncertain geologic scenarios with adaptive sparse reconstruction techniques

Ocean Sciences (OS)

Katherine Boldt, University of Washington, Seattle, Exploring ice-ocean-sediment interactions during nearly 20 km of retreat in the past 30 years at Columbia Glacier, AK

Dustin Carroll, University of Oregon, Oceanic response to buoyancy, wind and tidal forcing in a Greenlandic glacial fjord

Simon Freeman, University of California, San Diego, Array-based hydroacoustic characterization of P, S, and T-phases in the Philippine Sea

Malio Kodis, Brown University, US Atlantic margin methane plumes identified from water column backscatter data acquired by NOAA ship Okeanos Explorer

Paleoceanography and Paleoclimatology (PP)

Jessica Hinojosa, University of Otago, Reconstructing Holocene changes in the Southern Hemisphere westerly winds: Integrating modern processes and paleoclimate data from New Zealand’s southern fjords

Maara S. Packalen, University of Toronto, Holocene peat initiation and carbon storage dynamics in the Hudson Bay Lowlands, Canada

Andrew Rhines, Harvard University, Selective memory: Process-based temperature calibration for Greenland ice core δ¹⁸O accounting for seasonal biases