

**Submittee:** Elizabeth Henning

**Date Submitted:** 2011-09-19 09:26

**Title:** West Coast Algebraic Topology Summer School 2011

**Event Type:** Summer-School

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**Location:**

University of Washington, Seattle

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**Dates:**

August 26-29

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**Topic:**

Stable Homotopy Theory; Bousfield Localization; Triangulated Categories

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**Methodology:**

Lectures, problem sessions, pecha-kucha. All participants gave a brief discussion of their work during the pecha-kucha session.

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**Organizers:**

Henning, Elizabeth, Dept of Mathematics, University of Oregon Stykow, Maxim, Dept of Mathematics, University of British Columbia Wolcott, Luke, Dept of Mathematics, University of Washington

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**Speakers:**

Intro to Axiomatic Stable Homotopy Theory, Dylan Wilson, U of Washington Motivation and basics of localization, Viraj Navkal, UCLA Triangulated categories #1: an introduction. Beren Sanders, UCLA Intro to Symmetric Spectra, Marcy Robertson, UWO An introduction to moduli spaces of Riemann surfaces, Owen Gwilliam, Northwestern Triangulated Categories #2, Bregje Pauwels, UCLA Model categories and Bousfield localization. Enxin Wu, UWO Cohomology Operations and the Steenrod Algebra, John Palmieri, U of Washington Intro to S-Modules, Rolf Hoyer, U of Chicago Intro to Equivariant Homotopy Theory, Anna Marie Bohmann, Northwestern Algebraic K-theory, Mona Merling, U of Chicago Triangulated Categories #3, Dylan Wilson, U of Washington Structure within Bousfield Lattices, Luke Wolcott, U of Washington

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**Links:**

<http://2011-wcatss.wikispaces.com/home>

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