

Submittee: John Lee
Date Submitted: 2015-11-25 16:10
Title: Pacific Northwest Geometry Seminar
Event Type: Conference-Workshop

Location:
University of Washington
Seattle, WA USA

Dates:
October 17-18, 2015

Topic:
Differential Geometry

Methodology:
Six public hour-long lectures, with time for informal discussion in between.

Objectives Achieved:
Participants learned about recent important research in several fields of differential geometry.

Organizers:
Lee, John M (Mathematics, University of Washington)
Pollack, Daniel (Mathematics, University of Washington)

Speakers:
[See link to the conference web page below for abstracts]

Jeffrey Case (Mathematics, Penn State University)
"A notion of the weighted κ curvature for manifolds with density"

Greg Galloway (Mathematics, University of Miami)
"On the Geometry and Topology of Initial Data Sets in General Relativity"

Lan-Hsuan Huang (Mathematics, University of Connecticut)
"Localized Deformation for the Einstein Constraint Map"

Azahara De la Torre (Applied Mathematics, Universitat Politècnica de Catalunya; Mathematics, UBC)
"Delaunay-type solutions for a fractional Laplacian equation arising in conformal geometry"

Xiaodong Wang (Mathematics, Michigan State University)
"Boundary Effects of Ricci Curvature"

Iva Stavrov Allen (Mathematical Sciences, Lewis & Clark College)
"On Intrinsic Flat Stability of the Positive Mass Theorem"

Links:

<http://www.math.washington.edu/~lee/PNGS/2015-fall/>
