A conference in celebration of the 40 years JDG Editorship and the 70th Birthday of Shing-Tung Yau

Lehigh University, November 16-17, 2019

Schedule of Talks

All talks will be in Neville I, 6A East Packer Avenue, Bethlehem, PA, 18015; breakfast, registration, and refreshments will be in Neville lobby. The Saturday evening cocktail reception and banquet will take place in the University Center (third floor), 29 Trembley Dr, Bethlehem, PA 18015.

Saturday, November 16, 2019

8:00-9:15 Breakfast and Registration.

9:15 Opening Remarks

9:30-10:30 Richard Schoen, University of California, Irvine. *The problem of quasi-local mass in general relativity.*

10:30-11:00 Break and group photo.

11:00 - 12:00 Fernando Marques, Princeton University. *Morse theory and the volume spectrum.*

12:00 - 1:30 Lunch

1:30-2:30 Camillo De Lellis, IAS. *A critical Hoelder exponent for isometric embeddings.*

3:00-4:00 Penny Smith, Lehigh University. *Quantum geometry and covariant loop quantum gravity.*

4:30-5:30 Richard Hamilton, Columbia University. *TBA*

6:00-7:00 Reception

7:00-9:00 Banquet

Sunday, November 17

8:00-9:00 breakfast

9:00-10:00 Blaine Lawson, Stony Brook. *The inhomogeneous Dirichlet problem for natural operators on manifolds.*

10:15-11:15 Si Li, Tsinghua University (Beijing). *Open-closed topological B-model on Calabi-Yau geometry.*

11:30-12:30 Simon Donaldson, Imperial College & Simons Center. *Associative submanifolds and gradient line graphs.*