

Schedule of MATH6021A (2019-20)

Week	Date	Paper to read
1	Sep. 3	Y.-G. Oh, Floer cohomology of Lagrangian intersections and pseudo-holomorphic disks 1
2	Sep. 10	Y.-G. Oh, Floer cohomology, spectral sequence and the Maslov class of Lagrangian embeddings
3	Sep. 17	C.-H. Cho, Y.-G. Oh Floer cohomology and disc instantons of Lagrangian torus fibers in Fano toric manifolds
4	Sep. 24	C.-H. Cho, Products of Floer Cohomology of Torus Fibers in Toric Fano Manifolds
5	Oct. 1	Public Holiday
6	Oct. 8	Introduction to Fukaya category - D. Auroux, A beginners introduction to Fukaya categories - A. Ritter, I. Smith, The monotone wrapped Fukaya category and the open-closed string map
7	Oct. 15	Hochschild homology/cohomology - S. Ganatra, Symplectic Cohomology and Duality for the Wrapped Fukaya Category
8	Oct. 22	Open-Closed map and Closed-Open map - S. Ganatra, Symplectic Cohomology and Duality for the Wrapped Fukaya Category - M. Abouzaid, A geometric criterion for generating the Fukaya category
9	Oct. 29	M. Abouzaid, A geometric criterion for generating the Fukaya category
10	Nov. 5	Open-Closed map and Closed-Open map for monotone symplectic manifolds N. Sheridan, On the Fukaya category of a Fano hypersurface in projective space(Speaker : Chi Hong CHOW)
11	Nov. 12	A. Ritter, I. Smith, The monotone wrapped Fukaya category and the open-closed string map(Speaker : Yan Lung LI)
12	Nov. 19	To be announced
13	Nov. 26	To be announced