

Symplectic Geometry Seminar

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Science Building #262
Yonsei University

Abstract 1 (H.Y. KIM) : We will recall the step of constructing Blowup and Blowdown, and then cover symplectic cutting (of manifolds) that has a correspondence with cutting of moment polytopes. And there is a relation between the symplectic Blowups and complex Blowups.

Abstract 2 (B.J. Sohn) : After the Gromov non-squeezing theorem, symplectic embedding problems have been regarded as problems that reveal symplectic phenomena. In this talk, we will review major results on ball-embedding problems mainly focusing on 4-dimension while emphasizing connections with algebraic geometry via symplectic blow-ups.

