

## **abstract**

Joint IAS-PU Symplectic Geometry Seminar  
Topic:

Speaker:

Affiliation:

Date:

Time/Room:

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In 1985 Misha Gromov proved his Nonsqueezing Theorem, and hence constructed the first symplectic 1-capacity. In 1989 Helmut Hofer asked whether symplectic  $d$ -capacities exist if  $1 < d < n$ . I will discuss the answer to this question and its relevance in symplectic geometry. This is joint work with San Vu Ngoc.