ID de Contribution: **4**   Type: **Non spécifié**

Counting surfaces on Calabi–Yau fourfolds

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Building on work of Oh–Thomas, I will introduce invariants for counting surfaces on Calabi–Yau fourfolds. In a family, they are deformation invariant along Hodge loci. If non-zero, the variational Hodge conjecture for the family under consideration holds. Joint work with Y. Bae and H. Park.

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