

Conference on New Challenges and Perspectives in Symplectic Field Theory
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Uniruled symplectic manifolds

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Abstract

This talk will discuss some new results on uniruled symplectic manifolds. (Roughly speaking, these are manifolds with a J -holomorphic sphere through every point.) The proofs use a blow-up/blow-down correspondence developed by Hu, Li and Ruan which involves relative Gromov–Witten invariants and so is in the spirit of SFT.