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Preprints

1. "de Sitter invariance of the dS graviton vacuum,"
with A. Higuchi and D. Marolf. Submitted to Class. Quant. Grav. [arXiv:1107.2712 [hep-th]].

Publications

1. "The Infrared Stability of de Sitter Quantum Field Theory,"
Ph. D. thesis. June 2011.

2. "The IR stability of de Sitter QFT: Physical initial conditions,"
with D. Marolf. Gen. Rel. Grav. (2011) [DOI: 10.1007/s10714-011-1233-3], [arXiv:1104.4343 [gr-qc]].

3. "On the equivalence between Euclidean and In-In formalisms in de Sitter QFT,"
with A. Higuchi and D. Marolf. Phys. Rev. D **83**, 84029 (2011) [DOI: 10.1103/PhysRevD.83.084029], [arXiv:1012.3415 [gr-qc]].

4. "The IR stability of de Sitter QFT: results at all orders,"
with D. Marolf. Phys. Rev. D **84**, 044040 (2011) [DOI: 10.1103/PhysRevD.84.044040], [arXiv:1010.5327 [gr-qc]].

5. "The IR stability of de Sitter: Loop corrections to scalar propagators,"
with D. Marolf. Phys. Rev. D **82**, 105032 (2010) [DOI: 10.1103/PhysRevD.82.105032], [arXiv:1006.0035 [gr-qc]].

6. "Group Averaging for de Sitter free fields,"
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7. "Group Averaging of massless scalar fields in 1+1 de Sitter,"
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8. "The Moment of Inertia of the Binary Pulsar J0737-3039A: Constraining the Nuclear Equation of State,"
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9. "Effect of Differential Rotation on the Maximum Mass of Neutron Stars: Realistic Nuclear Equations of State,"
with T. W. Baumgarte and S. L. Shapiro. Astrophys. J. **610**, 941 (2004) [DOI: 10.1086/421897], [arXiv:astro-ph/0401581].