

PUBLICATIONS
6th June 2013 – 6th Dec 2013

1. **The Perils of Analytic Continuation**
[S.P. Miao](#) ([Utrecht U.](#) & [Utrecht U., Spinoza Inst.](#)), [P.J. Mora](#) ([Florida U.](#)), [N.C. Tsamis](#) ([Crete U.](#)), [R.P. Woodard](#) ([Florida U.](#)). Jun 23, 2013. 40 pp.
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2. **Pure Gravitational Back-Reaction Observables**
[N.C. Tsamis](#) ([U. Crete](#)), [R.P. Woodard](#) ([U. Florida](#)). Jun 27, 2013. 6 pp.
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3. **Hartree approximation to the one loop quantum gravitational correction to the graviton mode function on de Sitter**
[P.J. Mora](#) ([Florida](#)), [N.C. Tsamis](#) ([Crete](#)), [R.P. Woodard](#) ([Florida](#)). Jul 4, 2013. 16 pp.
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4. **Asymptotic freedom, asymptotic flatness and cosmology**
[Elias Kiritsis](#) ([APC, Paris](#) & [Crete U.](#) & [CERN](#)). Jul 22, 2013. 17 pp.
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5. **Universal scaling properties of extremal cohesive holographic phases**
[B. Goutéraux](#) ([Nordita](#) & [Stockholm U.](#)). Aug 9, 2013. 35 pp.
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6. **Bremsstrahlung and black hole production from collisions of ultra-boosted particles at non-zero impact parameter**
[Yiannis Constantinou](#) ([Crete U.](#)), [Anastasios Taliotis](#) ([Crete U.](#) & [Vrije U., Brussels](#) & [Intl. Solvay Inst., Brussels](#)). Aug 12, 2013. 27 pp.
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7. **The discontinuities of conformal transitions and mass spectra of V-QCD**
[Daniel Areán](#) ([ICTP, Trieste](#) & [INFN, Trieste](#)), [Ioannis Iatrakis](#) ([Crete U.](#) & [SUNY, Stony Brook](#)), [Matti Järvinen](#) ([Crete U.](#)), [Elias Kiritsis](#) ([Crete U.](#) & [APC, Paris](#) & [CERN](#)). Sep 9, 2013. 116 pp.
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8. **Constraints on Majorana Dark Matter from a Fourth Lepton Family**
[Tuomas Hapola](#) (Durham U., IPPP & Odense U.), [Matti Järvinen](#) (Crete U.), [Chris Kouvaris](#) (Odense U.), [Paolo Panci](#) (Odense U. & Paris, Inst. Astrophys.), [Jussi Virkajärvi](#) (Odense U.).
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9. **Holographic RG flows and nearly-marginal operators**
[Jun Bourdier](#) (King's Coll. London, Dept. Math), [Elias Kiritsis](#) (APC, Paris & CERN & Crete U.). Oct 2, 2013. 18 pp.
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10. **Where the world stands still: turnaround as a strong test of Λ CDM cosmology**
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11. **Vector Bremsstrahlung by Ultrarelativistic Collisions in Higher Dimensions**
[Yiannis Constantinou](#) (Crete U.), [Pavel Spirin](#) (Moscow State U.). Oct 22, 2013. 57 pp.
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12. **SLE boundary visits**
[Niko Jokela](#) (Santiago de Compostela U. & IGFAE, Santiago de Compostela), [Matti Järvinen](#) (Crete U.), [Kalle Kytölä](#) (Helsinki U.). Nov 10, 2013. 57 pp.
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13. **The confining trailing string**
[E. Kiritsis](#) (APC, Paris & CERN & Crete U.), [Liuba Mazzanti](#) (Utrecht U. & Utrecht U., Spinoza Inst.), [F. Nitti](#) (APC, Paris). Nov 11, 2013. 74 pp.
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14. **Gravitational collapse and thermalization in the hard wall model**
[Ben Craps](#) (Vrije U., Brussels & Intl. Solvay Inst., Brussels), [Elias Kiritsis](#) (APC, Paris & CERN & Crete U.), [Christopher Rosen](#) (Crete U.), [Anastasios Taliotis](#), [Joris Vanhoof](#), [Hongbao Zhang](#) (Vrije U., Brussels & Intl. Solvay Inst., Brussels). Nov 29, 2013. 28 pp.
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15. Frequency dependence of the Chiral Vortical Effect

[Karl Landsteiner](#) ([Madrid, Autonoma U.](#) & [Madrid, IFT](#)), [Eugenio Megias](#) ([Barcelona, Autonoma U.](#) & [Barcelona, IFAE](#)), [Francisco Pena-Benitez](#) ([Madrid, IFT](#) & [Madrid, Autonoma U.](#) & [Crete U.](#)). Dec 4, 2013. 20 pp.
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16. Holographic perfect fluidity, Cotton energy-momentum duality and transport properties

[Ayan Mukhopadhyay](#) ([Ecole Polytechnique, CPHT](#) & [IPhT, Saclay](#)), [Anastasios C. Petkou](#) ([Aristotle U., Thessaloniki](#)), [P. Marios Petropoulos](#), [Valentina Pozzoli](#) ([Ecole Polytechnique, CPHT](#)), [Konstadinos Siampos](#) ([U. Mons](#)). Sep 9, 2013. 40 pp.
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17. Thermal conductivity of anisotropic spin - 1/2 two leg ladder:Green's function approach

[Hamed Rezanian](#), [Abdollah Langari](#), [Paul H. M. van Loosdrecht](#), [Xenophon Zotos](#)
(Submitted on 22 Oct 2013)