

Short CV

Name	Anastasios Christou Petkou
<i>Position</i>	Associate Professor
<i>Studies</i>	<ul style="list-style-type: none"> ▪ Ph.D. in Theoretical Physics , University of Cambridge D.A.M.T.P. Oct. 1991 - Feb. 1995. Thesis title: ``<i>Conformal Field Theories in Dimensions $D > 2$</i>``. Supervisor: Prof. H. Osborn. ▪ Part III of the Mathematical Tripos, Certificate for Advanced Studies in Mathematics with <u>Distinction</u>, University of Cambridge, D.A.M.T.P. Oct. 1990 - Jun. 1991. ▪ Undergraduate Degree in Physics <i>Ptychion</i> with <u>Excellent Grade 8.8/10</u>, Aristotle University of Thessaloniki, Department of Physics, Sep. 1985 - Sep. 1989.
<i>Scientific Expertise</i>	<ul style="list-style-type: none"> ▪ Assistant Professor, Department of Physics, University of Crete, Oct. 2004 - Dec. 2012. ▪ European RTN Postdoctoral Fellow, University of Milan-Bicocca, Department of Theoretical Physics, Dec. 2003 - Sep. 2004. ▪ Postdoctoral Fellow offered and Exceptional Extension of the contract, Theory Division, C.E.R.N. Switzerland, Oct. 2001 - Dec. 2003. ▪ European RTN Postdoctoral Fellow: University of Milan, Department of Theoretical Physics, Italy, Oct. 2000 - Sep. 2001. ▪ Alexander von Humboldt Research Fellow: University of Kaiserslautern, Department of Physics, Theoretical Physics, Germany, Oct. 1999 - Sep. 2000. ▪ Research Associate: Aristotle University of Thessaloniki, Department of Theoretical Physics, Dec. 1997 - Aug.1998 and Dec. 1998 - Oct. 1999. ▪ DAAD Postdoctoral Research Fellow: Dortmund University, Department of Physics, Sep. 1998 - Nov. 1998. ▪ Mandatory Military Service: Greek Armed Forces Signal Corps, May 1996 - Nov. 1997. ▪ Research Associate and Teaching Assistant: University of Cyprus, Department of Natural Sciences, Aug. 1995 - May 1996.
<i>Research Activities</i>	<ul style="list-style-type: none"> • 46 published papers in internationally refereed journals, with 1333 citations (excluding self-citations), average 29 citations/paper and h-index=23. • Principal Investigator in a variety of research projects QPYTHAGORAS, Greek-France Collaboration, Marie-Curie Fellowships, Interreg III, ΑΡΙΣΤΕΙΑ II.

	<ul style="list-style-type: none"> • CNRS Visiting Professor at Ecole Polytechnique, Paris. • More than 30 invited talks and seminars in International Conferences, Workshops and Research Institutes. • Member of the Organizing Committee of 6 International Conferences and Workshops. • Regular referee for Physics Letters B, Physical Review D, JHEP, Physical Review Letters, International Journal of Modern Physics, Advanced in High Energy Physics.
<i>Research Interests</i>	Quantum Field Theory, String Theory, AdS/CFT and Holography, Conformal Field Theory, Phase Transitions, Mathematical Physics.
<i>Most Important Publications in last 5 years</i>	<ol style="list-style-type: none"> 1) R. G. Leigh and A. C. Petkou, "Singleton deformation of higher-spin theory and the phase structure of the three-dimensional $O(N)$ vector model," Phys. Rev. D 88, no. 4, 046006 (2013). 2) A. Mukhopadhyay, A. C. Petkou, P. M. Petropoulos, V. Pozzoli and K. Siampos, "Holographic perfect fluidity, Cotton energy-momentum duality and transport properties," JHEP 0914:136. 3) R. G. Leigh, A. C. Petkou and P. M. Petropoulos, "Holographic three-dimensional fluids with nontrivial vorticity", Phys.Rev. D85 (2012) 086010. 4) R. G. Leigh, A. Mauri, D. Minic and A. C. Petkou, "Gauge Fields, Membranes and Subdeterminant Models", Phys.Rev.Lett.104:221801,2010. <p>D. S. Mansi, A. Mauri and A. C. Petkou, "Stochastic Quantization and AdS/CFT," arXiv:0912.2105 Phys.Lett.B685:215-221,2010.</p>