

## Curriculum Vitae

Name: Shiyamala Nayagi Thambyahpillai  
Place of Birth: Kent, England  
Nationality: British

e-mail address: [thambyahpillai@yahoo.co.uk](mailto:thambyahpillai@yahoo.co.uk)

home address: 59 Cloisters Avenue,  
Bickley,  
Kent. BR2 8AN  
England

Phone Number: (+44)7955 029230

Undergraduate Study:  
Imperial College, London 1995-1999  
Degree: Physics Msci, 1<sup>st</sup> Class

Graduate Study:  
Harvard University, USA 1999 – 2006  
Degree: Physics PhD  
Supervisor: Professor Lisa Randall

Postdoctoral Experience:  
University of Padova, Italy 2008-2010  
University of Karlsruhe, Germany 2010 - 2012

Prizes and Awards:  
Van Vleck Scholarship (Harvard)  
White Prize for Teaching (Harvard)

Area of Specialization:  
High Energy Theory: gravity, quantum field theory, conformal field theory  
Topics include brane world physics, deconstruction, SUSY Wilson loops, space time defects

Teaching Experience:  
Undergraduate Physics – Mechanics, Electromagnetism  
Organization of lecture courses – supervising tutors, responsible for examinations and homeworks

### Publications:

-Lisa Randall, Matthew D.Schwartz, Shiyamala Thambyahpillai, “Discretizing Gravity in Warped Spacetime”: J. High Energy Phys. JHEP10(2005)110; hep-th/0507102  
-S Thambyahpillai, “A Closer Look at Two AdS<sub>4</sub> Branes in an AdS<sub>5</sub> Bulk”: J. High Energy Phys. JHEP02(2005)034; hep-th/0409190  
-H F Dowker, S Thambyahpillai, “Many Accelerating Black Holes”; Class.Quant.Grav.20:127-136, 2003; gr-qc/0105044  
-Antonio Bassetto, Luca Griguolo, Fabrizio Pucci, Domenico Seminara, Shiyamala Thambyahpillai, Donovan Young, “Correlators of supersymmetric Wilson-loops, protected operators and matrix models in N=4 SYM”: J.High Energy Phys. JHEP08(2009)061; arXiv:0905.1943 [hep-th]  
-Antonio Bassetto, Luca Griguolo, Fabrizio Pucci, Domenico Seminara, Shiyamala Thambyahpillai, Donovan Young, “Correlators of supersymmetric Wilson loops at weak and strong coupling”: J.High Energy Phys. JHEP03(2010)038; arXiv:0912.5440[hep-th];  
-Antonio Bassetto, Shiyamala Thambyahpillai, “Quantum 't Hooft loops of SYM N=4 as instantons of YM<sub>2</sub> in dual groups SU(N) and SU(N)/Z<sub>N</sub>”;arXiv:1011.0638[hep-th]; Lett.Math.Phys. 98 (2011) 97-110  
-M. Schreck, F. Sorba, S. Thambyahpillai, “A simple model of pointlike spacetime defects and implications for photon propagation”: arXiv:1211.0084