

## Curriculum Vitae

### 1. Education

Bachelor of Science (1994 — 1997), National Chiao Tung University, Taiwan. Major in Applied Mathematics.

PhD (1997 — 2002), State University of New York at Stony Brook, USA. Specialize in Mathematical Physics.

### 2. Working Experience

09/1997 – 05/2002, Teaching Assistant, State University of New York at Stony Brook, USA.

08/2002 – 02/2005, Assistant Professor, National Chiao Tung University, Taiwan.

05/2005 – 07/2009, Senior Lecturer, Multimedia University, Malaysia.

07/2009 – present, Associate Professor, University of Nottingham Malaysia Campus.

### 3. Selected Publications

- 1) C.H. Eab, S.C. Lim and L.P. Teo, “Finite temperature Casimir effect for a massless fractional Klein-Gordon field with fractional Neumann conditions”, *J. Math. Phys.* **48** (2007), 082301.
- 2) S.C. Lim and L.P. Teo, “Finite temperature Casimir energy in closed rectangular cavities: a rigorous derivation based on zeta function technique”, *J. Phys. A: Math. Theor.* **40** (2007), 11645-11674.
- 3) S.C. Lim and L.P. Teo, “Topological symmetry breaking of self-interacting fractional Klein-Gordon field on toroidal spacetime”, *J. Phys. A: Math. Theor.* **41** (2008), 145403.
- 4) S.C. Lim and L.P. Teo, “Repulsive Casimir force at zero and finite temperature”, *New J. Phys.* **11** (2009), 013055.
- 5) S.C. Lim and L.P. Teo, “Finite temperature Casimir effect in piston geometry and its classical limit”, *Eur. Phys. J. C* **60** (2009), 323-344.
- 6) L.P. Teo, “Finite temperature Casimir effect in spacetime with extra compactified dimensions”, *Phys. Lett. B.* **672** (2009), 190-195.
- 7) L.P. Teo, “Finite temperature Casimir pistons for electromagnetic field with mixed boundary conditions and its classical limit”, *J. Phys. A* **42** (2009), 105403.
- 8) L.P. Teo, “Finite temperature Casimir effect in Kaluza-Klein spacetime”, *Nucl. Phys. B* **819** (2009), 431-452.
- 9) S.C. Lim and L.P. Teo, “Three dimensional Casimir piston for massive scalar fields”, *Annals. Phys.* **324** (2009), 1676-1690.
- 10) L.P. Teo, “Finite temperature Casimir effect for massive scalar field in spacetime with extra dimensions”, *JHEP* **0906** (2009), 076.
- 11) S.C. Lim and L.P. Teo, “Repulsive Casimir force from fractional Neumann boundary conditions”, *Phys. Lett. B* **679** (2009), 130-137.
- 12) L.P. Teo, “Casimir Effect in Spacetime with Extra Dimensions -- From Kaluza-Klein to Randall-Sundrum Models”, *Phys. Lett. B* **682** (2009), 259-265.
- 13) L.P. Teo, “Finite temperature Casimir effect for scalar field with Robin boundary conditions in spacetime with extra dimensions”, *JHEP* **0911** (2009), 095.
- 14) L.P. Teo, “Casimir piston of real materials and its application to multi-layer models”, *Phys. Rev. A* **81** (2010), 032502.