

**Anna Kostouki: ESR,
King's College London, Physics Dept.**

2001 – 2005 : University of Athens, Physics Dept.

November 2006 : Started as an **ESR** and an **MPhil/PhD** student at **KCL**.

May 2007: Passed (distinction) exams on one-year MSc. in Quantum Fields and Fundamental Forces (Imperial College), as partial fulfillment of requirements for a PhD at KCL – **Training activity**

October 2007 : **Transfer viva to PhD status**. Title of the MPhil thesis: “A novel world-sheet functional approach to Liouville Strings and Implications to Cosmology”

2006 – 2007 : Work on Liouville String Theory, viewed from a new world-sheet functional approach that is non-perturbative in the Regge slope α' , as a formal test of the method, which was subsequently applied to inflationary physics studies in String Cosmology

[J. Alexandre, A.K, N.E.M, New J.Phys.10:073029,2008]

2008 : Work on String Cosmology, with a dilaton and tachyon background; study of an exact (in α') configuration that can lead to inflation (*to appear*)

Current & Future work : String creation at the end of inflationary era and reheating.

Incorporation of stringy defects (point-like (D-particles), string-like (D-strings) and their role on the dark sector of String Cosmology