

**Boğaziçi University**

*Electrical and Electronic Engineering Department*

SEMINAR

**Ender Konukoğlu**

**Medical Image Analysis and Image-Driven Biophysical Modelling**

**11 March 2013 t: 15:00-16:00**

**Yorgo Istefanopulos Seminar Room**

Abstract:

The advances in acquisition technologies and the increasing use of patient-specific information in clinical practice are giving data analysis and modelling important roles in healthcare. In this presentation I will briefly talk about my overall research on image analysis and image-driven biophysical modelling within this big picture.

Then, I will focus on one specific topic: the use of large amount of data through random decision forests. After a short introduction to the forests, I will discuss their applications to various image analysis tasks related medical applications.

All interested are cordially invited