



INSTITUTE  
FOR ADVANCED  
STUDIES  
LUCCA

Cappella Guinigi

**March 2, 2015**

14:30 p.m.

COMPUTER  
SCIENCE AND  
ENGINEERING

PhD

**THESIS DEFENSE**

**Mohammed Mohammed  
Abdelsamea Ahmed**

Regional Active Contours based on  
Variational level sets and  
Machine Learning for Image  
Segmentation