



SCHOOL  
FOR ADVANCED  
STUDIES  
LUCCA

Classroom 1  
San Francesco complex  
**July 26th, 2017**  
11:00 a.m.

COMPUTER,  
DECISION, AND  
SYSTEMS SCIENCE

COMPUTER SCIENCE

PhD

THESIS DEFENCE

**Roberta Lanciani**

Stochastic Approximations in Model  
Checking: A New Scalable Approach to  
Collective Systems Verification