# Model Checking I
## *alias*
## Reactive Systems Verification
### Academic Year 2015/16

**Teachers:**
Luca Tesei (University of Camerino)
*and*
Franco Raimondi (Middlesex University London)

Course for the BSc (3rd year) and MSc in Computer Science of the
University of Camerino

# General Information

## ECTS and Lectures

- 6 ECTS (CFU)
- Total of 42 hours of Lectures and Exercises
- Possibly other hours of Exercises

## Entitled Students

- Mandatory course for Software Modelling and Verification (SMV) Curriculum, 1st year of MSc, II Semester (Spring)
- Choice course for BSc students (3rd year) and for MSc students of other Curricula
- In the latter case, communicate your choice (code [ST1046] MODEL CHECKING I) to the Secretary Office, Tiziana Jajani c/o Polo degli Studenti, Via Pieragostini 18, Camerino
  http://www.unicam.it/studente/segreterie-studenti

# General Information

## Teachers

- Luca Tesei, in-site teacher
- Franco Raimondi, visiting professor from Middlesex University London

## Reference WebPage

- All information, including studying material, will be collected at the WiKi page:
- `http://didattica.cs.unicam.it/doku.php?id=didattica:magistrale:rsv:ay_1516:main`
- Students can access the WiKi with
  - username: `student`
  - passw: `csstudent2014`

# Scheduling

## Lectures

- Luca Tesei's Lectures from 02/03/2016 to 04/05/2016 **NOTE: not every scheduled lecture in timetable!**
- Franco Raimondi's Lectures from 12/05/2016 to 27/05/2016
- See Wiki for precise scheduling

## Exams

- Eight (8) scheduled written tests from 16/06/2016 to 23/02/2017
- See Wiki for precise scheduling

## Office Hours

- Luca Tesei, each Wednesday 11am-1pm, Room CS 07, 2nd Floor, Polo Tecnologico Palazzo Battibocca, Via del Bastione 1, Camerino.
- Franco Raimondi, available at Palazzo Battibocca during visiting period, by email otherwise.

## Exam

### Written Test

- The exam consists of a written test containing open-answer and/or closed-answer questions
- Mini projects and/or assignments will be communicated during the lectures
- Students sending the projects/assignments on time will be given a mark and the possibility to skip parts of the written test
- During the exercises sessions throughout the course samples of the written test questions will be presented with solution

### Results

- Exam results will be communicated through the Student Career System [ESSE3](ESSE3)
- Contextually to the communication of the results students will be invited to a meeting to look at the corrected test

# Registration

- Registration for the written tests must be done using the Student Career System ESSE3
- The registration deadline is usually 3 days before the written test date (the Monday before)
- BSc students or MSc students who did not select the Software Modelling and Verification (SMV) Curriculum will not be able to register for the written test until they communicate to the Secretary Office their choice to attend to this course, code [ST1046] MODEL CHECKING I
- Communication of choice must be done to Tiziana Jajani c/o Polo degli Studenti, Via Pieragostini 18, Camerino Opening Hours

# Google Summer of Code 2016 Participation

- Prof. Franco Raimondi is one of the mentors for projects about Java Path Finder (JPF) during Google Summer of Code
- The contents of this course include JPF and its usage for verification.
- Students who want to participate should contact Prof. Raimondi as soon as possible to start working on the proposal
- More information on the timeline of the event is here