



UNIVERSITÀ DEGLI STUDI DI TORINO

ID

VP123_DIP_MAT

Visiting Professor Program Academic year 2022/2023

TEACHING COMMITMENT: 16 hours

COURSE TITLE

Biomathematics

TEACHING PERIOD

2nd term

SCIENTIFIC AREA

Numerical Analysis

LANGUAGE USED TO TEACH

English

COURSE SUMMARY

Basic notions in population theory and applications to ecosystems and epidemiology.

LEARNING OBJECTIVES

To expose the students to novel ideas and recent results in this specific scientific field.

TUTORSHIP ACTIVITIES

Possible

LAB ACTIVITIES

Possible

OTHER ACTIVITIES BESIDES THE COURSE

Possible seminars.

VISITING PROFESSOR PROFILE

The candidate should have a record of publications on international journals in the specific research field of biomathematics and dynamical systems.

The candidate must be at least a tenured professor in a University with a good record of published research papers in particular in population dynamics, epidemiological and eco-epidemiological models. In epidemiology of interest will be researches on opportunistic diseases. At the theoretical level he/she should have worked with ordinary differential and difference equations, with emphasis on time scale reduction model.

The successful candidate should also have a record of contributions to conferences, workshops and seminars. A record of research grants is also very welcome. Preferential titles would also be an international experience during the doctoral studies, collaborations with renowned scientists abroad, as well as the advising of students at the doctoral level.

CONTACT PERSON AT THE DEPARTMENT

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