**Visiting Professors**  
**Academic year 2018/2019**

<table>
<thead>
<tr>
<th>2nd term</th>
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<tbody>
<tr>
<td><strong>COURSE TITLE</strong></td>
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<tr>
<td>Principles and evolutionary biology and ethoecology</td>
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<td><strong>Scientific area</strong></td>
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<td>Biological Sciences (Evolution of spatial behaviour and use of the territory, BIO/05 Zoology)</td>
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<td><strong>Department of Life Sciences and Systems Biology</strong></td>
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<td><strong>Language used to teach</strong></td>
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<tr>
<td>English</td>
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<td><strong>Teaching Commitment:</strong> 24 hours</td>
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**Course summary**
The course will deal with:  
Basic research methods within evolution approach to the study of territory exploitation  
Research methods, experimental design.  
How to combine research methods and approaches about territory use from different disciplines.

**Learning objectives**
The objectives of this course are to train students:  
To design strong research protocols  
To learn how to analyse data in the evolution of spatial and movement analysis with phylogenetic approaches

**Tutorship activities**
Tutoring of students by long distance methods.  
All lectures video recorded and in moodle platform.  
Strong interactions with the other visiting professor in order to give a real experiential multi-approach learning experience.

**Lab activities**
The students will be involved in practical and in methodological applications.

**Other activities besides the course:** i.e. seminars and conferences addressed to PhD students and research fellows, dissemination conferences  
He will give:  
Seminars within the “Biology and applied biotechnologies” PhD program  
Conferences to researchers of Dip. Scienze della vita e Biologia dei sistemi.  
1 dissemination conference to the PhD wide audience  
1 dissemination conference open to the public.  
The teaching "Principles and evolutionary biology and ethoecology" is also followed by the students of the Master's Degree in "Environmental Biology" and "Sciences and Sustainable Management of Natural Systems".
Visiting Professor Profile
The candidate should have:
  - a record of high-impact scientific publications in the field of phylogeny and applied behavior
  - a wide experience in phylogenetic analysis applied to Evolutionary Ecology and spatial analysis, conservation biology and management of protected areas.

Contact person at the Department
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