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

<table>
<thead>
<tr>
<th>2nd term</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>COURSE TITLE</strong></td>
</tr>
<tr>
<td><strong>Scientific area</strong></td>
</tr>
<tr>
<td><strong>Department of</strong></td>
</tr>
<tr>
<td><strong>Language used to teach</strong></td>
</tr>
<tr>
<td><strong>Teaching Commitment:</strong></td>
</tr>
</tbody>
</table>

**Course summary**
The course will deal with:
- Research methods, experimental design to study animal movement and territory exploitation
- How to combine research methods like Passive Recorders techniques and phylogenetic analysis to study the evolution of spatial behaviour.
- How to use this data for management of species relevant for conservation of biodiversity

**Learning objectives**
The objectives of this course are to train students:
- To design strong research protocols
- To learn how to collect, analyse and present data in spatial and movement analysis

**Tutorship activities**
Tutoring of students by long distance methods.
All lectures video recorded and in moodle platform.

**Lab activities**
The students will be involved in practical and in methodological applications in synergy with the other colleagues in order to give a real experiential multi-approach learning experience.

**Other activities besides the course: i.e. seminars and conferences addressed to PhD students and research fellows, dissemination conferences**
S/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 conservation biology
- a wide experience in Eco-ethology and in behaviour applied to spatial analysis, conservation biology and management of protected areas.
- should master the research methods utilised to study animal movement, including field methods and Passive Acoustic Monitoring.
- Strong experience of international cooperation.

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