<table>
<thead>
<tr>
<th><strong>Ph.D. course</strong></th>
<th>COMPLEX SYSTEMS FOR PHYSICAL, SOCIO-ECONOMIC AND LIFE SCIENCE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cycle</strong></td>
<td>XXXVI</td>
</tr>
<tr>
<td><strong>Scientific field</strong></td>
<td>Interdisciplinary</td>
</tr>
<tr>
<td><strong>Duration</strong></td>
<td>3 years</td>
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<tr>
<td><strong>Department</strong></td>
<td>Department of Physics and Astronomy</td>
</tr>
<tr>
<td><strong>Department website</strong></td>
<td><a href="http://www.dfa.unict.it/">http://www.dfa.unict.it/</a></td>
</tr>
<tr>
<td><strong>Ph.D. Course Coordinator</strong></td>
<td>Prof. Andrea Rapisarda</td>
</tr>
<tr>
<td><strong>Partner Institution(s)</strong></td>
<td>None</td>
</tr>
<tr>
<td><strong>Research themes</strong></td>
<td>Complex systems, agent-based models, Big Data analysis, network science, bioinformatics, econophysics, sociophysics</td>
</tr>
</tbody>
</table>

**Available Places**
- Ordinary places:  
  1) Places with scholarship financed by the University of Catania: 5  
  2) Places without scholarship: 1

**TOTAL: 6**

- Places reserved to graduates from foreign universities:  
  1) Places with scholarship financed by the University of Catania 1

**TOTAL: 1**

**Selection procedures**
- Ordinary places:  
  1) Evaluation of qualifications;  
  2) Oral examination  
  3) Two reference letters

- Places reserved to graduates from foreign universities:  
  1) Evaluation of qualifications;  
  2) Oral examination in English  
  3) Two reference letters  
  Candidates living abroad can take the oral interview in the form of video conference interview

**Date, place, format and language of the oral examination**
- Date: September 16 2020, h. 9.30 (9.30 am Italian time)  
- Place: Dipartimento di Fisica e Astronomia, via S.Sofia 62, Catania  
- Format:  
  - Dissertation on the research project  
  - General knowledge of the themes of the candidate's degree and/or the themes related to the Ph.D. course

**Language**: Italian