# Syllabus

**Period**  
Day: 25 September, 2014  
Time: 9:18  
Room: TBD

**Lecturer:** Dr. Annamaria Inzelt

**Topics:** Role of human resources in the innovation system

**Course objectives:**

<table>
<thead>
<tr>
<th>Session/Day</th>
<th>Contents and readings</th>
</tr>
</thead>
<tbody>
<tr>
<td>25 September 9-11</td>
<td>Contents: Role of universities in the innovation systems from the point of view of human resources (Third mission of universities; triple helix model)</td>
</tr>
<tr>
<td></td>
<td><strong>Readings:</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Further readings:</strong></td>
</tr>
<tr>
<td></td>
<td>• EC (2010) <em>Assessing Europe’s University-Based Research</em>, Expert Group on Assessment of University-Based Research, EU</td>
</tr>
</tbody>
</table>
| 11-13 | Contents: Mobility of HRST  
(brain drain vs. brain circulation issues mobility of researchers) |
| | **Readings:** |
| | • Bergman E. M. Hisrichman 2013 “Mobility, Governance and Loyalty in Europe’s Top Research Universities” in: Ferreira, Raposo, Rutten and Varga (eds.) *Cooperation, Clusters and Knowledge* |
Contents: Measurement issues of HRST / doctorate holders.

Further readings.
- de Grip A, Fouarge D, Sauermann J 2009 What affects international migration of European science and engineering graduates?, IZA DP No. 4268, ISL, Bonn

14-16-

Contents: Doctorate careers

Readings:

Further readings

16-18

Contents: Measurement issues of HRST / doctorate holders.

Readings:

Further readings
- Laafia, Ibrahim and Alex Stimson, 2001, ‘Using the Labour
| Force Survey data to measure HRST and other S&T indicators on employment’ paper by Eurostat presented in Uruguay, 15-18 October 2001.  
- ResCar: Collection and analysis of existing data on researchers careers and Implementation of new data collection activities, ERAWATCH Network Asbl, 2007 |