# JOB DESCRIPTION

**Vacancy Ref:** A3060

<table>
<thead>
<tr>
<th>Job Title:</th>
<th>Research Associate/Senior Research Associate</th>
<th>Present Grade:</th>
<th>6/7</th>
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<tbody>
<tr>
<td>Department/College:</td>
<td>School of Computing and Communications</td>
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<td>Directly responsible to:</td>
<td>Professor Qiang Ni</td>
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<tr>
<td>Supervisory responsibility for:</td>
<td>Relevant PhD students and researchers</td>
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**Other contacts**

**Internal:**
- Dr Antonios Gouglidis, other relevant staff and students at the University

**External:**
- Collaborators/partners working on EU H2020 SANCUS project

This role will be working within the EU H2020-funded SANCUS project.

**Major Duties for both Research Associate and Senior Research Associate roles:**


2. Assist other team members to enhance 5G/Cloud/IoT heterogeneous system QoS and security performance through software and/or hardware optimization. The system will be based on using a variety of machine learning approaches.

3. Participating in project meetings; preparing and presenting of talks, posters and reports to disseminate the results of the research.

4. Preparing progress reports for project meetings describing the results of the project.

5. Participating in national and international conferences and workshops to present the results of the project to a wider audience and to learn about current advances in the field.

6. Preparing conference and journal papers for publication of project research findings.

7. Any other duties appropriate to the grade, as directed by the Principal Investigator, Co-I or their representatives.

8. Participating in writing new research grant proposals.

**Major Duties for Senior Research Associate role:**

1. Taking a leading role in the collaboration, planning, development, and publication of our work of the project.

2. Participation in (and ultimately taking the lead role in) writing new research proposals that build on the expertise developed in this project.