

**JOB DESCRIPTION**

Senior Research Associate in Semiconductor materials and devices

**Vacancy Ref:** Click here to enter text.

|  |  |
| --- | --- |
| **Job Title:** Senior Research Associate in semiconductor materials and devices | **Present Grade:** 6 (sp27) |
| **Department/College:** Physics | |
| **Directly responsible to:** Dr Qiandong Zhuang | |
| **Supervisory responsibility for:** Co-supervision of PhD students | |
| **Other contacts** | |
| **Internal:** Members of Dr Zhuang’s research group and other academic staff in QTC | |
| **External:**  A range of outside collaborators from EU funded projects. | |
| **Major Duties:**  To conduct the research in integrating LEDs/Lasers with external cavity for tunable light source including design, integration and examination of the tunable light source.  **In particular, the post holder will be expected to:**   1. Take responsibility for day to day project management. 2. To conduct design of the tunable cavity and its integration with LED/lasers 3. To examine performance of resulting tunable light emitters 4. Participate the consortium meetings of the project 5. Participate in national and international conferences, presenting the results of the project and learning about current advances in the field. 6. Generally help with the running of the research group, including: supervision of new/junior members of the group and PG students. | |