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| Human Resources |  | Date of Completion: 02/05/2018Page: 1 of 1 |

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| **PERSON SPECIFICATION****Assessment for recruitment requirements and competencies** |

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| **POST TITLE:** | Senior Beamline Scientist, SCM  |
| **DIVISION/DEPARTMENT:** | Science / Life  |
| **REPORTS TO:** | Principal Beamline Scientist (PBS)  |

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|  |  | **SPECIFY ESSENTIAL (E) DESIRABLE (D)** |
| **SKILLS/ABILITIES** | * Good interpersonal, communication and presentation skills;
 | E |
|  | * Ability to interact effectively and diplomatically with staff and facility users at all levels;
 | E |
|  | * Ability to design, plan, organise and implement projects and tasks within an allotted timeframe;
 | E |
|  | * Ability and initiative to get to the heart of the problem and take it effectively through to completion
 | E |
|  | * Ability to work as part of a multi-disciplinary team
 | E |
|  | * Good organisational and planning skills and methodical record keeping
 | E |
|  | * Self-motivation
 | E |
|  | * Ability to work flexibly with occasional weekend and out of hours working
 | E |
|  | * Ability to lead own research project including budget and resource management
 | E |
| **KNOWLEDGE**  | * Experience in synchrotron data collection in IR Microscopy, IR-nanospectroscopy (AFM-IR or s-SNOM), or small angle-x-ray scattering (bioSAXS or solution-state).
 | E |
| **AND** | * Proven ability in scientific analysis with publication(s).
 | E |
| **EXPERIENCE** | * 3 years post-doctoral or equivalent experience
 | E |
|  | * Demonstrated track record in soft condensed matter or synchrotron radiation related research
 | E |
|  | * Commissioning and operation of microscopy equipment and instrumentation
 | E |
|  | * Experience with use of flexible experimental setups and/or sample environment equipment
* Experience in User Support
 | EE |
|  | * Knowledge of beamline instrumentation and optics
 | E |
|  | * Project management
 | E |
|  | * Experience with Windows/Linux/Unix
 | E |
|  | * Scientific programming and/or motion control
 | E |
| **PROFESSIONAL QUALIFICATIONS/** | * Appropriate PhD degree or equivalent qualification or proven relevant experience
 | E |
| **TRAINING** |  |  |
| \*Where a job requirement |  |  |

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| **COMPETENCIES** e.g. Technical,  | * Experience with 3D printing technology
* Programming skills in Python
 | D |
| Professional, Management, Other | * Supervision of research students or staff
 | D |
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