### Purpose of role

The purpose of this role is to research the development of texture measurements and painted surfaces.

<table>
<thead>
<tr>
<th>Main responsibilities</th>
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<td>(Primary accountabilities and responsibilities expected to fulfil the role)</td>
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<td>% time per year</td>
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## Person specification

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<tr>
<th>Skills</th>
<th>Essential</th>
<th>Desirable</th>
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|        | Specialist research skills and techniques to include understanding of any of the following:  
  - Surface texture analysis  
  - Numerical mathematics  
  - Surface texture standards  

Excellent oral and written communication skills, including the ability to communicate with clarity on complex information.  

High analytical ability to analyse and illuminate data, interprets reports, evaluate and criticise texts and bring new insights.  

Ability to creatively apply relevant research approaches, models, techniques and methods.  

Ability to build relationships and collaborate with others, both internally and externally.  

| Knowledge and experience | Experimental and/or theoretical use of surface texture parameters.  

Practical experience of applying the specialist skills and approaches and techniques required for the role.  

Experience in use of research methodologies and techniques to work within area.  

| Qualifications, certification and training (relevant to role) | PhD or about to obtain in Physics, Engineering or Mathematics subject  

PhD in Physics, Engineering or Mathematics subject  

|  | Filtering of surface texture data |  

The University of Nottingham is focused on embedding equality, diversity and inclusion in all that we do. As part of this, we welcome a diverse population to join our work force and therefore encourage applicants from all communities, particularly those with protected characteristics under the Equality Act 2010.
Expectations and behaviours

The University has developed a clear set of core expectations and behaviours that our people should be demonstrating in their work, and as ambassadors of the University's strategy, vision and values. The following are essential to the role:

**Valuing people**
Is friendly, engaging and receptive, putting others at ease. Actively listens to others and goes out of the way to ensure people feel valued, developed and supported.

**Taking ownership**
Is clear on what needs to be done encouraging others to take ownership. Takes action when required, being mindful of important aspects such as Health & Safety, Equality, Diversity & Inclusion, and other considerations.

**Forward thinking**
Drives the development, sharing and implementation of new ideas and improvements to support strategic objectives. Engages others in the improvement process.

**Professional pride**
Is professional in approach and style, setting an example to others; strives to demonstrate excellence through development of self, others and effective working practices.

**Always inclusive**
Builds effective working relationships, recognising and including the contribution of others; promotes inclusion and inclusive practices within own work area.

Key relationships with others

- **Line manager**
- **Role holder**
- **Key stakeholder relationships**
- Chair in Metrology
- Research Associate/Fellow
- Colleagues
- Students