

# SILICON PHOTONICS BESPOKE TRAINING FOR INDUSTRY

## TRAINING TAILORED TO SUIT SPECIFIC BUSINESS REQUIREMENTS

Our bespoke training aims to inform your team on any aspects of silicon photonics, with the opportunity to visit our £120M cleanroom complex and experience live device fabrication.

Training course subjects may include:

- Cleanroom processes for non-technical staff
- Cleanroom processing technologies for advanced users
- Process tolerance considerations for device design
- Device simulation
- Cleanroom health & safety

**Supported by some of the world's leading academic fabrication capabilities, and with a 30 year track record of world-leading excellence in the field, the Silicon Photonics Group at the University of Southampton's Optoelectronic Research Centre offers unique bespoke training courses, designed to suit specific business requirements.**

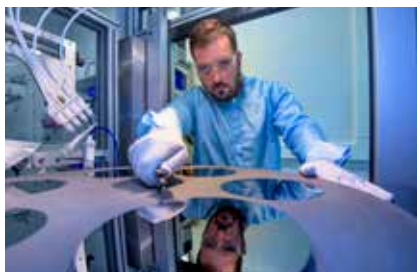
The Silicon Photonics Group and its 50 members has expertise in all areas from device simulation and design, to advanced fabrication techniques and device characterisation.

### **Example training course:**

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#### **Initial content over four days:**

- Silicon photonics applications
- Overview of active and passive silicon photonics devices
- Device modelling and simulation
- Overview of silicon photonics fabrication techniques
- Design your own passive silicon photonics devices
- Cleanroom facilities tour with live demonstration of advanced lithography techniques
- Industry insight



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#### **Follow up day:**

- The Silicon Photonics team fabricate and characterise devices designed during the course
- Session to present and analyse the data



### **For a quote and to discuss your needs, please contact us:**

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