This is a repository copy of *CPD Course: Assured Software Engineering*.

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Version: Published Version

Conference or Workshop Item:

Woodcock, Jim orcid.org/0000-0001-7955-2702 (2022) CPD Course: Assured Software Engineering. In: YorRobots and RoboStar Industry Exhibition, 11-12 Oct 2022, University of York.
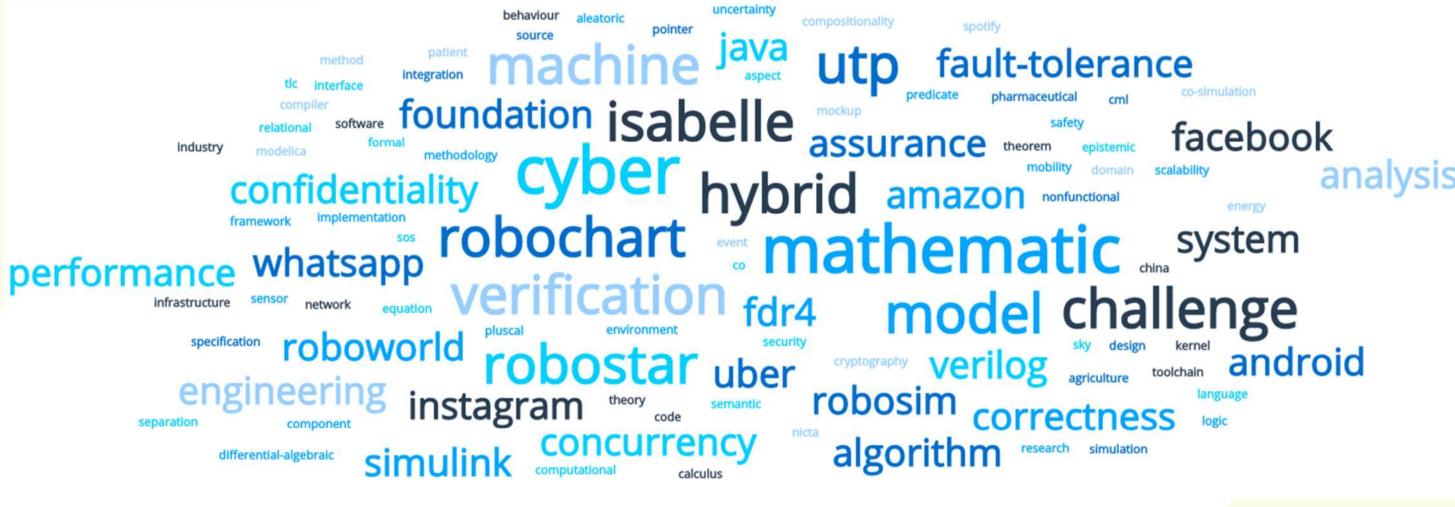
CPD Course: Assured Software Engineering

Course Details

- **Length:** 5 days

- **Attendance:** Full-time or remote

- **Pre-requisite:** BSc Computer Science (or equivalent)

- **Delivery:** 50% lecture, 50% problem-based learning

- **Outcomes**

  Understand model-based engineering + proof

  Understand Interactive proof techniques

  Use modelling, animation, & verification

  Understand advanced modelling techniques

- **Awards**

  Attendance certificate

  CPD credits for BCS & IET

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How can you engage?

Co-creation

- Course examples & case studies

- Developed with industry partners

- Demonstrate applicability and business relevance

- Undergraduate & MSc projects to create the course material

- Co-supervision with industry colleagues

- Requirements, design, modelling, assurance

Contact Simon Foster or Jim Woodcock to join!