

4th Dimensional X-ray Computed Tomography Conference

25th-26th June 2019
University of Huddersfield



TRAINING DAY SCHEDULE

Monday 24th June

9.00	Registration
9.30 to 10.15	Adam Thompson, University of Nottingham: <ul style="list-style-type: none">• XCT history and principles• XCT in dimensional metrology
10.15 to 10.45	Wenjuan Sun, NPL: <ul style="list-style-type: none">• Workflow for performing dimensional measurement• Understanding XCT performance
10.45 to 11.00	Break
11.00 to 11.30	Ian Smith, NPL: <ul style="list-style-type: none">• An introduction to measurement uncertainty evaluation
11.30 to 12.00	Alan Wilson, NPL: <ul style="list-style-type: none">• Methods of assessing measurement uncertainty in XCT dimensional measurements
12.00 to 13.00	Lunch
13.00 to 13.45	Adam Thompson, University of Nottingham: <ul style="list-style-type: none">• XCT for surface metrology• Limitations of XCT in metrology applications
13.45 to 14.45	Andrew Townsend, University of Huddersfield: <ul style="list-style-type: none">• Extraction of surface parameters from XCT• Practical examples of surface metrology from XCT
14.45 to 15.00	Break
15.00 to 16.00	Volume Graphics Q&A