

***Preliminary Agenda Array Tomography Workshop
RMC - ATUMtome, ASH and Zeiss Atlas Array Tomography
May 15th and 16th 2019 at Oxford Brookes University, Oxford***

Lectures and Practical Demonstration Sessions:

**Sinclair Annex and Clerici buildings,
Oxford Brookes University, Gipsy Lane,
Oxford, OX3 0BP**

Tuesday 14th May 2019: Delegate arrival at hotels

Wednesday 15th May 2019

8:30 Depart hotel
9:00 Arrival, tea and coffee.
9:30 Welcome, programme overview and attendee introduction
9:45 Overview of Oxford Brookes Bioimaging
10:00 **Lecture 1:** "Serial sectioning and volume imaging for electron microscopy"
10:45 Coffee/tea break
11:00 **Lecture 2:** "Specimen preparation to maximise results"
11:45 General discussion and Q&A
12:00 Lunch
13:00 **Hands-on group 1:** Setting up the ATUMtome, Sectioning and Tape Exchange
Hands-on group 2: Demonstration ZEISS Atlas 5 Array tomography-Automated serial section imaging solution
15:00 Coffee/tea break
15:30 **Lecture 3:** "ZEISS MultiSEM: The world's fastest scanning electron microscope"
16:00 **Lecture 4:** "3D imaging with FE-SEM technology and Atlas 5"
16:30 Round table discussion Q&A.
17:00 End of day and return to hotels
19:00 Evening meal

Thursday 16th May 2019

8:30 Depart hotel
9:00 Arrival, tea and coffee.
9:30 Questions and round table discussion
10:00 **Hands-on group 2:** Setting up the ATUMtome, Sectioning and Tape Exchange
Hands-on group 1: Demonstration ZEISS Atlas 5 Array tomography-Automated serial section imaging solution
12:00 Lunch
13:00 **Lecture 5:** "CLEM and Zen Connect talk"
13:30 **Lecture 6:** "Splitting the ATUM": technique development and research"
14:00 **Lecture 8:** "RMC talk about products, website and support"
14:30 Coffee/tea break
15:00 Final wrap up and Q&A
15:30 Transport to hotel/ongoing travel arrangements

Wolftratshausen, 11th February 2019

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