



Fusion Business Group Meeting

Tuesday 25th April

Dassault Systemes UK Limited, Milburn Hill Rd, Riley Court, West Midlands, CV4 7HP,
Coventry, United Kingdom

Living Heart Experience – during registration

The **Living Heart Project** is uniting leading cardiovascular researchers, educators, medical device developers, regulatory agencies, and practicing cardiologists on a shared mission to develop and validate highly accurate personalized digital human heart models.

Additive Manufacturing Simulation Experience – during lunch

Most Additive Manufacturing processes require unique and detailed process analytics, such as temperature and distortion profiles, to get a better handle on process robustness and reliability. To address the community's needs, we've developed an all- purpose simulation framework that gives them the flexibility to simulate parts built from different processes. The framework allows users to specify machine-dependent information (such as tool path, build environment, power input) as inputs in space and time, include support structures from their builds, analyse material behaviour—while it computes the solution locally (micro-level) and globally (part-level).

Car Parking at Dassault Systemes

There is ample free parking. Once access has been gained via the buzzer on the barrier, you may park in any vacant spot. Please ignore the parking permit signs. These are not in force at present.

DINNER DETAILS

Date: Monday 24 April

Time: Arrival from 19:00, sit down for 19:30

Venue: [The Almanack, Kenilworth](#)

Cost: £49pp (Including VAT) 3 course meal, 1/2 bottle of wine (or equivalent) plus service.

ACTIVITY	TIME
Registration and coffee Living Heart Experience	09:30 – 10:00
Welcome <i>Steve Dodds, TWI</i>	10:00 – 10:20
Welcome from Dassault Systemes <i>Caoimhe Kiely, VP of Marketing, Dassault Systèmes</i>	10:20 - 10:30

Oxfordshire Fusion and Culham Site Update Culham Campus Development & Masterplan <i>Iain Wallace, Head of Campus and Property Development, UK Atomic Energy Authority</i>	10:30 – 10:45
Tokamak Energy <i>Martin Tsang, Tokamak Energy</i>	10:45 – 11:00
General Fusion – Introduction & Progress Update <i>Warren Edwards, Director of Procurement, Contracts and Material Management</i>	11:00 – 11:15
STEP <i>Saranne Postans, STEP Communications Manager, UK Atomic Energy Authority</i>	11:15 – 11:30
Coffee	11:30 – 12:00
How the DESNZ supports UK fusion <i>Ceri Kenyon, Senior Policy Advisor - Fusion Energy, DESNZ</i>	12:00 – 12:15
Supply Chain – Semi Conductors in 3D Experience <i>Tony Gardner, Jaguar Land Rover</i>	12:15 – 12:35
Model Based Systems Engineering (MBSE): Managing Complexity with Models <i>Colin Bach, Industry Business Consultant, Dassault Systemes, Dassault Systèmes</i>	12:35 – 12:55
Taster Session Astral Systems <i>Tom Wallace-Smith, CTO, Astral Systems</i> Optima Systems Consultancy <i>Steve Armitage, Senior Principal, Optima</i> Turnbull <i>Stefan Cecchini, Business Development Manager, Turnbull Infrastructure and Utilities Ltd</i>	12:55 – 13:10
Lunch	13:10 – 14:10
Additive Manufacturing	
CoreFlow Developments <i>Steve Dodds, TWI</i>	14:10 – 14:25
Bangor University (Fusion Materials – Academic POV) <i>Simon Middleburgh</i>	14:25 – 14:40
Hatch <i>Nathan Tedford, Director of Nuclear Technologies, Hatch</i>	14:40 – 14:55
Q&A	14:55 – 15:00
Wrap Up <i>Steve Dodds, TWI</i>	15:00

Thank you to our hosts

