

International Brokerage Event
Brussels, 26-27/10/2017



TWI Ltd

Warren Bath

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Description of the Organization



- Research & Technology Organisation -1946
- Non-profit distributing
- Five UK locations and 13 international offices
- Materials, Joining and Integrity Management



Since 2008:

1800
INDUSTRIAL
MEMBERS

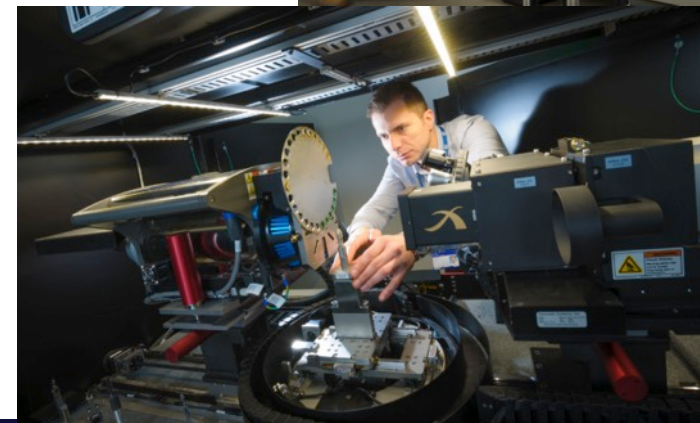
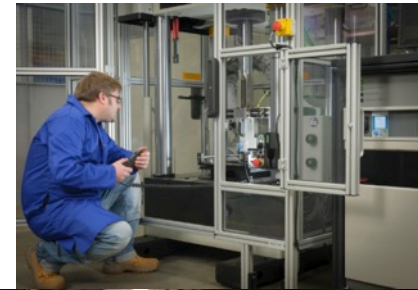
288
FUNDED
PROJECTS
AND COUNTING

100
PROJECTS
COORDINATED
BY TWI

£325m
FUNDING
SECURED

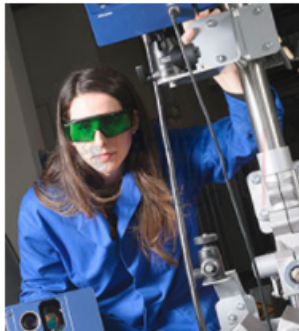
Description of the your research interest

- Advanced NDT Solutions e.g. PAUT, LRUT, Digital Radiography
- Computational Fluid Dynamics (CFD)
- Condition & Structural Monitoring
- Engineering Critical Assessment (ECA)
- Failure Investigation
- Fatigue Assessment & Testing
- Finite Element Analysis (FEA)
- Fitness For Service (FFS)
- Mechanical Testing (small and full-scale)
- NDT Qualification and Validation
- Risk Based Inspection (RBI)
- Robotics



Description of the your research interest

Brunel Innovation
Centre



London South Bank
Innovation Centre



Smart Asset
Management
Innovation Centre



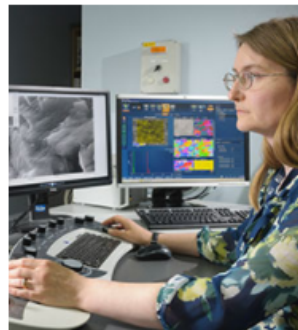
Advanced Resins
and Coatings
Innovation Centre



Brunel Composites
Innovation Centre



Materials Innovation
Centre



Joining 4.0
Innovation Centre



Healthcare
Innovation Centre



Please add relevant 2017 CALL TOPIC
Please add TITLE of the PROJECT IDEA



- LEIT NMBP - DT-NMBP-02-2018 - Open Innovation Hubs for Safety Testing of Medical Technologies for Health (IA)
- LEIT NMBP - DT-NMBP-09-2018 - Accelerating the uptake of materials modelling software (IA)
- LEIT NMBP - DT-FoF-01-2018 - Skills needed for new Manufacturing jobs (CSA)
- LEIT NMBP - DT-FoF-02-2018 - Effective Industrial Human-Robot Collaboration (RIA)
- LEIT NMBP - DT-FoF-04-2018 - Pilot lines for metal Additive Manufacturing (IA 50%)
- LEIT NMBP - DT-FoF-06-2019 - Refurbishment and re-manufacturing of large industrial equipment (IA)
- LEIT NMBP - DT-NMBP-20-2018 - A digital 'plug and produce' online equipment platform for manufacturing (IA)

- LEIT NMBP - CE-NMBP-26-2018 - Smart plastic materials with intrinsic recycling properties by design (RIA)
- LEIT NMBP - CE-SPIRE-10-2018 - Efficient recycling processes for plastic containing materials (IA)
- LEIT NMBP - H2020-EIC-FTI-2018-2020
- MG-2.1-2018 - Human Factors in Transport Safety
- LC-MG-2.5-2018 - Innovative technologies for improving aviation safety and certification in icing conditions
- MG-2.6-2019 - Innovative applications of drones for safety in transport
- MG-3.1-2018 - Multidisciplinary and collaborative aircraft design tools and processes
- MG-3.2-2018 - The Autonomous Ship

Please add relevant 2017 CALL TOPIC
Please add TITLE of the PROJECT IDEA



- MG-BG-01-2018 - Unmanned and autonomous survey activities at sea
- DT-ART-02-2019 - Human centred design of automated vehicles
- DT-ART-03-2019 - Developing and testing shared, connected and cooperative automated vehicle fleets in urban areas for the mobility of all
- LC-GV-01-2018 - Integrated architectures, components and systems for next generation electrified vehicles optimised for the infrastructure
- LC-GV-02-2018 - Virtual product development and production of electrified vehicles and components

Consortium - profile of known partners *(if any)*



No	Partner Name	Type	Country	Role in the Project
01	Expert	RTD	Any	Relevant
02	Expert	SME	Any	Relevant
03	Expert	IND	Any	Relevant
04				
05				
06				
07				
08				

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