GLOBAL GROWTH AND CHANGE, NATIONAL UNCERTAINTY, WORKING TOGETHER BETTER!

midlands aerospace alliance

THE MAA ANNUAL CONFERENCE

19 MARCH 2019

AerospaceForum BIRMINGHAM

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MIDLANDS AEROSPACE ALLIANCE

Greetings from the Chairman

David Danger,

Managing Director, Material and Non-Destructive Testing, Intertek and Chairman, Midlands Aerospace Alliance.

On behalf of more than 300 organisations that make up the Midlands Aerospace Alliance, I want to welcome you to Aerospace Forum Birmingham 2019. This is the second such prestigious aerospace summit to be held in the United Kingdom, and we are honoured to be your hosts.

Birmingham, the UK's Second City, is a natural location for this event, given our Midlands region's global position in the aerospace industry. Led of course by Rolls-Royce, our deeply rooted supply chain makes the most of our great manufacturing heritage, and our 45,000 full-time-equivalent employees are proud of our innovative engineering culture. I believe you will find the presentations from industry leaders at the MAA Conference which is Day One of the Forum give you the knowledge you need, and together with the pre-arranged one-on-one meetings on Days Two and Three they will open doors to new opportunities, not only worldwide, but also within our region.

This is an exciting and challenging time to be part of the aerospace industry, and collaboration is key to success. Members of the Midlands Aerospace Alliance join our organisation because they recognise that a dynamic and engaged supply chain – along its entire length -- is vital for our cluster to meet the needs of our customers. That is why Collins Aerospace, Meggitt, Moog and Rolls-Royce have all got behind Aerospace Forum Birmingham 2019 to help ensure it is an excellent opportunity to make new business connections and strengthen existing relationships.

I wish you all success this week at the Aerospace Forum and hope you will find the time to explore our beautiful city and region during your visit. Please don't hesitate to contact one of our excellent MAA staff if you have any questions or need help in any way during or after the event.

ABOUT THE MAA.....

The Midlands Aerospace Alliance (MAA) was set up in 2003 and now has 300 members. The MAA board includes senior managers from Collins Aerospace, Meggitt, Moog Aircraft Group and Rolls-Royce as well as elected supply chain representatives and key regional partner bodies. The Chairman, elected in 2017, is David Danger, Managing Director, Materials and Non-Destructive Testing, Intertek and the Vice Chairman is Peter Smith, Chief Executive and Chairman of Nasmyth Group Ltd.

MEMBERS DIRECTORY

The MAA member capability directory will help you identify world-class Midlands partners and suppliers for your aerospace programmes and projects -- available for on-line search and as a downloadable document published each summer.

NOT CURRENTLY A MEMBER?

As a member of the MAA you will be joining a unique organisation that supports companies in the Midlands to develop new aerospace technologies, improve their competitive performance and win new business. Companies outside the Midlands are welcome to join the MAA as associate members.

CONTACT US

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AGENDA

08:00 **Registration, refreshments, networking**

08:45 **SESSION 1:**
GLOBAL GROWTH AND CHANGE:
WHAT IT MEANS FOR YOU

prepare your company for what's coming in the future, get more business benefit

- Andy Street, Mayor, **West Midlands Combined Authority**
- Simon Burr, Director, Engineering & Technology – Civil Aerospace **Rolls-Royce**
- David Best, Head of Business and Strategy, **Airbus in the UK**

10:30 **Break**

11.00 **SESSION 2:**
NATIONAL UNCERTAINTY:
HOW TO RESPOND

mitigate against the risks of Brexit

- Stephen Phipson CBE, Chief Executive, **Make UK**, the manufacturers' organisation
- Paul Grey, Civil Aerospace, EU Exit and Regulatory Affairs, UK Government **Department of Business, Energy & Industrial Strategy**
- Chris Gane, Business Specialist, Aerospace, **Department for International Trade**
- Frank Jansen, Managing Director, **Netherlands Aerospace Group**

12.45 **Lunch and networking**

13.45 **SESSION 3:**
BOOSTING MIDLANDS AEROSPACE:
WHAT WE CAN DO

work together for mutual benefit

- Annette Rothwell, Senior Vice President, Operations Excellence, **Esterline Corporation**
- Mike Platt, Senior Vice President and General Manager Thermal Management, **Meggitt Engine Systems**
- Edward Dryden, Vice President Actuation, **Collins Aerospace**

15.30 **INTERNATIONAL RECEPTION**

with more networking

- Denzil Lawrence, Supplier Development & Diversity, **Boeing**
- 10th anniversary of the 43-member **European Aerospace Cluster Partnership!**

16:30 **CONFERENCE CLOSE**

THE MAA CONFERENCE 2019
OUR KEYNOTE SPEAKERS

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Andy Street
Mayor of the West Midlands

Andy Street was elected as the first Mayor of the West Midlands on May 4 2017. The primary function of the role is to chair the West Midlands Combined Authority and brings with it significant powers over transport, housing, skills and jobs.

Before becoming Mayor, Andy combined a career with John Lewis, Britain's most successful workers' co-operative, with a host of high-profile economic development roles, working with local and national government. Starting on the John Lewis graduate scheme, Andy rose through the ranks to become Managing Director, overseeing one of the most successful periods in the company's history.

He was the Chair of the Greater Birmingham & Solihull Local Enterprise Partnership between 2011 and 2016, helping to build the relationships that have underpinned the economic growth of the region. Additionally, he has been lead non-executive director for the Department for Communities and Local Government as well as a member of the Prime Minister's Business Advisory Group. Outside of work, Andy is passionate about the arts, particularly in the West Midlands, having previously served as Vice Chairman of Performances Birmingham Limited, which is responsible for running the City's Symphony and Town Halls.

In June 2015, Andy was awarded the CBE for services to the national economy. He was named the 'Most Admired Leader' of the year by business magazine, Management Today in 2014. He received the 'President's award' from the Greater Birmingham Chambers of Commerce in for his work in the region. He holds three honorary degrees, from Birmingham City University, Aston University and the University of Birmingham.



Simon J Burr
Director, Engineering & Technology – Civil Aerospace, Rolls-Royce plc

Simon will be talking to us about *the current state of the civil aerospace market and Rolls-Royce's position within it, the outlook for the future, and the latest new technology developments*

Simon has 28 years' experience in the aerospace industry with a degree in Mechanical Engineering, is a Chartered Engineer, Fellow of the Royal Aeronautical Society and was appointed MBE for Services to the Aerospace Industry in the UK in 2009.

He was previously COO – Civil Large Engines and Project Director – Trent XWB.

Prior to that he served as VP Engineering and Operations, then as CEO – Aero Engine Controls, the Rolls-Royce/ Goodrich Engine Control Systems JV, having been VP Engineering & Programmes then VP and General Manager – Goodrich Engine Control Systems.

Earlier in his career Simon held managerial positions at Lucas Aerospace Flight Controls and Lucas Aerospace Engine Control Systems.



David Best

Head of Business and Strategy for Airbus in the UK

David will be sharing his experience on how *Airbus is working closely with the MAA's sister organisation WEAF and partners in the South West aerospace cluster.*
The Midlands can potentially learn from activities like the opening up of Airbus testing facilities, the iAero initiative and support for future skills requirements.

David graduated with an honours degree in Aeronautical Engineering from Bath University in 1995 which included a year working at Dowty Hydraulics in Wolverhampton. Following his degree, he enrolled on the Direct Entry Graduate scheme with British Aerospace Airbus based in Filton and started his career in engineering, specialising in aerodynamics and landing gear system design before moving into senior project management roles on iconic Airbus aircraft such as the A340-600, A380 and more recently the A400M. Following 3 years as head of the A400M Plant Programme team, he is now the Head of Business and Strategy for Airbus in the UK.

He has always had a passion for aircraft and the aerospace industry and is the current chairman of iAero, promoting the South West Industrial Aerospace strategy with a collaboration of Primes, SME's and local government.



Stephen Phipson CBE

Chief Executive, EEF

Stephen will be speaking from his expert perspective leading the UK's biggest body representing engineering companies, *on what the future holds for UK manufacturing: competing globally, government policy, Brexit and beyond*

Stephen became Chief Executive of EEF, the manufacturers' organisation, in 2017 and has a wide range of experience in both government and advanced manufacturing companies. Stephen was formerly Head of the Defence and Security Organisation within the Department for International Trade where he was responsible for providing UK government export support to the UK defence and security industry.

Prior to heading up DSO Stephen was Director for Security Industry Engagement at the Home Office, before which he spent thirty five years in a range of large and small manufacturing businesses.

His period in industry has included roles as Chief Executive Officer of Stadium Group plc and President of Smiths Detection, one of the world's leading security companies, developing business with more than one hundred government agencies around the world.

We'll handle the landing. You'll focus on expanding.

Located at the centre of the Midlands aerospace cluster in the UK, **Business Birmingham** provides outstanding and award-winning services.

Our team takes the stress out of site selection by providing a free support service tailored to your business.



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Paul Grey

Civil Aerospace, EU Exit and Regulatory Affairs Aerospace Team, Advanced Manufacturing Directorate

Paul Grey works in the Aerospace team in the UK Department of Business, Energy and Industrial Strategy, on EU Exit and Regulatory issues. He has also worked for the UK Government in Dubai, Kabul, Hong Kong and Delhi, promoting trade and investment for the UK. In the UK he has also helped to develop and implement programmes to enhance the supply of skilled people in the engineering and aerospace sectors.



Chris Gane

Business Specialist, Aerospace at Department for International Trade

Chris will be talking about *the new business opportunities DIT is creating for UK suppliers with North American aerospace primes and tier 1s*

Chris supports the DIT High Value Campaign programme with specific responsibility for aerospace in the North American and Chinese markets.

He started his career as a software engineer with General Dynamics in Hastings, UK following a degree in Physics and Computing at Brighton University and in 1996 he joined Thales in Glasgow becoming Vice President, Defence Optronics then Vice President of Thales Training & Simulation with world-wide responsibilities.

After a period in the automotive and security industries, he joined Ultra Electronics as Managing Director of the Aircraft & Vehicle Systems Division before starting to work with DIT in 2015 as a Business Specialist, providing sector knowledge and experience to the Aerospace Team.

THE MAA CONFERENCE 2019
OUR KEYNOTE SPEAKERS

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Frank Jansen
Managing Director,
the Netherlands Aerospace Group

Frank will be sharing his expert perspective from perhaps Europe's great trading nation, on *the future of the European and UK aerospace industries after Brexit*

Frank Jansen has been the Director of the Netherlands Aerospace Group (NAG) since 2000. The NAG is the equivalent of the Midlands Aerospace Alliance -- covering the whole of the Netherlands.

Frank's affinity for the aerospace industry started in 1983 at Geosens. Over the years, Frank held a variety of positions at the measurement technology company, leaving Geosens as Vice President. Before Frank joined the NAG, he worked as Sales Manager and later Business Development Manager at Fokker Space (now Dutch Space/EADS).



Annette Rothwell
Senior Vice President,
Operations Excellence,
Esterline Corporation inc Chair,
MAA Supply Chain Performance Group

Annette will be explaining about the importance of *Leveraging the supply chain, how to gain advantage from improvements both internally and with your suppliers.*

Annette has over 30 years' experience in and around supply chains gained in a number of sectors: oil & gas, automotive, defence and aerospace.

Annette has an MBA and attended Cranfield School of Management to undertake general management training. 2018 saw Annette attend the Foster School of Business, Washington University to attend an advanced leadership program and in October attended the G100 Women's Leadership Acceleration for the C-Suite program in New York.

She has previously worked for several large companies such as ABB, GKN, Leonardo Helicopters and Rolls-Royce.

Annette is also a serving Board member of the MAA and chairs the MAA Supply Chain Performance Working Group.



Mike Platt

Senior Vice President and General Manager Thermal Management, Meggitt Engine Systems

Mike will be telling us all about *Meggitt's exciting new vision for its future in the Midlands*

Mike has been appointed to lead the new Meggitt £130 million 'super-site' at Ansty Park near Coventry and he will be telling us all about this, the latest major aerospace investment in our region.

The new site will provide a base for up to 1,000 employees and combine a range of operations within a world-class aerospace engineering and technology environment. It will also serve as the new home for Meggitt's international headquarters. It is the largest of a number of global infrastructure investments by Meggitt as it accelerates growth and will be a hub for next-generation aerospace innovation and R&D, as well as a catalyst for world-class operational performance.

Mike has previously served as General Manager - Filton & Western Approach for GKN Aerospace, Programme Director - Airbus In-service Programmes for Messier-Bugatti-Dowty. He has Masters Degrees in Mechanical Engineering from the University of Southampton and Business Administration from the University of Bath.



Edward Dryden

Vice President, Actuation Systems, Collins Aerospace

Edward will be discussing how Collins Aerospace Actuation Systems is *re-inventing itself in an ever-changing global aerospace market – and exploring potential implications for the supply chain landscape in the industry.*

Edward Dryden is Vice President, Actuation Systems, the Collins Aerospace strategic business segment which specialises in actuation systems for aerospace and defence. Based in Wolverhampton and with other locations in the UK, France, Italy and the United States, Actuation Systems is a global leader in actuation design and manufacturing for commercial and military aircraft. Products range from single actuators to complete flight control systems, for the fixed wing, rotorcraft and missile segments as well as fly-by-wire cockpit controls cabin equipment, trimmable horizontal stabilizer actuators and flight safety parts for helicopters.

Prior to being appointed to his current position, effective November 2018, Edward was General Manager, Actuation Systems. In that position, he was responsible for the strategic direction and management of the Composites Centre of Excellence in Banbury and facilities in France as well as the engineering contingent in Rockford.

Edward joined the business as a graduate and has held roles of increasing responsibility through the organisation spanning engineering, operations, site leadership and programmes.

Earlier in his career, Edward worked in Aero Engine Controls a Joint Venture with Rolls-Royce.

A Chartered Engineer, Edward holds a Post Graduate Certificate in Management as well as an Executive MBA from the University of Warwick.

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Denzil Lawrence

Supplier Development And Diversity
Global Supply Chain
The Boeing Company

Denzil is based in the United Kingdom and supports Boeing supplier development and diversity programs across Europe.

Denzil has a broad engineering background, with over 25 years' experience in large and small organisations in aerospace, defence, marine, petrochemical and energy sectors. Over the last 15 years, Denzil has been active in supply chain collaborations between industry, academia and government helping companies access, develop and make sense of emerging manufacturing technologies. More recently, Denzil has been involved in the discovery and development of the local supply chain for the recently established Boeing manufacturing facility in Sheffield UK.

In his current role, Denzil works throughout the European high value manufacturing supply chain, seeking out current and emerging capabilities, technologies and techniques that will improve the performance of The Boeing Company's European and global supply chains.

Denzil has a Bachelor's Degree in Mechanical Engineering and a Master's Degree in Business Administration.

EACP
EUROPEAN AEROSPACE CLUSTER PARTNERSHIP

In order to successfully compete in the global aerospace industry, it is crucial for Europe to actively further its innovative potential and to collaborate among regions and industry clusters.

The European Aerospace Cluster Partnership (EACP) provides a permanent platform for mutual exchange, policy learning, and cooperation to achieve high-level performance among European aerospace clusters. It focuses on the exchange of experience concerning both cluster policy and the implementation of effective solutions needed to address various challenges faced by the partners. After 10 years of existence, EACP currently constitutes a network of 43 aerospace clusters from across Europe, thus largely covering the entire aerospace value chain in Europe.

Notes

Notes

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Thank you to everyone involved!!

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ARE YOU ON BOARD?

There has never been a better time to join the MAA.

Globally, the aerospace industry is growing at a phenomenal rate. Here in the Midlands, our members are making the most of the opportunities with our support. Whether you are a Tier 1, a components manufacturer or a service provider in an allied industry, you can access a wide range of benefits to help your company grow.

If you are already operating in this sector, or you're looking to diversify, there's never been a better time to be a member of the MAA, so make sure you're on board.

Our standard membership offers great value and is the same price whatever the size of your business. Our aim is to offer our members access to a growing network of companies that are all proactively looking to maximise opportunities in aerospace.

The annual membership fee is £595 for Midlands-based companies and £950 for companies outside the Midlands.

- A proactive network with access to member companies
- Conferences, events and trade delegations
- Inclusion in the annual Capabilities Directory
- Helping you to get your voice heard through media, lobbying and campaigning
- Three magazines a year

For details of all our member benefits visit our website.

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UPGRADE TO THE NEW PRIME MEMBERSHIP PACKAGE

- Available to all existing and new members
- MAA membership for 12 months
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- Silver sponsorship of the MAA Annual Dinner
- Table for 10 at MAA Annual Dinner
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- A place at an "Inside . . . . with MAA" visit to a major aerospace company
- Grant funding eligibility "health-check" by MAA experts
- ¼ page advert in the MAA's Midlands Aerospace magazine
- Enhanced entry in MAA Capabilities Directory
- Sponsorship of two MAA e-letters
- Sponsorship of MAA website

Package cost for 2019-20: £5,975

Actual value of package at least: £9,460

£5,975 FOR 2019-20



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