

The Thermal Spraying and Surface Engineering Association

will be holding its Autumn Conference

on

Thursday, 19th October 2017 commencing 9.30 for 10.00 am

at

**National Conference Centre, Coventry Road, Solihull, West Midlands,
B92 0EJ**

“Thermal Spray Maintenance, Repair and Overhaul Techniques in an Aerospace Environment”

Keynote speaker - Marcel van Wonderen

(Master Engineer - Process Equipment and Materials Development).

Thermal Spray is a very challenging, interesting and demanding industry.

Aerospace has been responsible for challenging the Thermal Spray Industry to provide continuous improvement in performance and value.

Specifically, the gas turbine engine provides the Thermal Spray process with more coating opportunities than almost any other single application.

Many wider industries have benefitted from this engineering collaboration and this meeting will provide a forum to discuss Thermal Spraying as a technology in any environment.

Marcel will take us through glimpses of gas turbine history, design of gas turbines, the MRO (Maintenance Repair and Overhaul) business, the different repair techniques used in this aero sector and of course, the wider issues facing Thermal Spraying. Also there will be an opportunity to catch a glimpse of future developments in MRO.

Marcel van Wonderen has been involved in this industry at **KLM Engineering and Maintenance** for 31 years. Further background details are overleaf.

For further details please visit our website www.tssea.org or contact the Secretary on 01788 522792, email info@tssea.org

Marcel van Wonderen

Has been responsible within KLM for special processes in the aircraft MRO-business with regard to specifications, innovations, process-improvement & optimisation, trouble shooting, manuals, audits and the setting up and delivering of theoretical and practical training courses.

Carried out training courses at many world renowned aerospace companies including:

- Standard Aero Canada (Winnipeg)
- Air new Zealand (Auckland)
- Thai Airways International (Bangkok)
- General Electric, Wales (Nantgarw)
- CRMA Air France Industries (Paris)
- Rolls Royce Norway (Bergen)
- Pratt & Whitney Automated Systems USA (Huntsville, Al)
- Norwegian Air Force (Kjeller)
- Turkish Airlines THY (Istanbul)
- Interturbine Coating Centre The Netherland (Lomm)

Marcel is also active on a number of national and international organisations and committees:

- Chairman of the ASM-TSS Accepted Practices Committee (2015-2016)
- Chairman of Thermal Spray Examination Committee of the Dutch Welding Society NIL Tc-1c (since 2013)
- Member of the BHR Technical committee Waterjetting Technology (since 2013)
- Member of the TU-Delft, STW/IOP-projects (2004-2015)
- Member of the American Society of Materials, ASM International (since 2001)
- Member of American Thermal Spray Society, ASM-TSS (since 2001)
- Member of Technical Committee on Thermal Spraying of the Dutch Welding Society NIL (since 1987)
- Member of the Waterjet Technology Association, WJTA (2002-2009)
Member of the European Airline Committee on Materials & Technology for "Standardization of Quality Control of Thermal Spray Coatings" (2001-2007)
- Member of the European Welding Federation for establishing the Guidelines of "the Minimum Requirements for the Education, Examination and Qualification" for European Thermal Spray Specialist, European Thermal Spray Practitioner and European Thermal Sprayer (1993-2001)

Personal achievements:

- 2nd prize at the DAMRA award for best Technical Support Engineer in Dutch Aircraft Industry (2009)
- "Best Research Paper Award", International Waterjet Conference, Houston (2005)
- Diploma "European Thermal Spray Specialist", European Welding Federation (EOTC Agreement) (2000)
- European LIFE-award from the European Commission, Directorate General XI of Environment, Nuclear Safety and Civil Protection (1996)
- Environmental Award for Industry, in the category Clean Technology (1995) from the Dutch Government
- Encouragement Subsidy Award from the Dutch "Novem" Society for Environmental Technology (1991)

PROGRAMME

“Thermal Spray Maintenance, Repair and Overhaul Techniques in an Aerospace Environment”

Thursday, 19th October 2017

09.30 - 10.00	REGISTRATION & TEA/COFFEE	
10.00 - 10.10	Welcome & Introduction	Mick Bignell, TSSEA
10.10 - 11.10	Keynote speech	Marcel Van Wonderen Amsterdam KLM Engineering & Maintenance
11.10 - 11.30	Tea/Coffee	
11.30 - 12.30	Keynote speech	Marcel Van Wonderen Amsterdam KLM Engineering & Maintenance
12.30 - 13.30	Lunch	
13.30 - 13.40	Introduction by Session Chairman	Terry Lester, TSSEA
13.40 - 14.40	Group sessions-preparation of panel questions	
14.40 - 15.00	Tea/Coffee	
15.00 - 16.00	Thermal spray peer panel question & answer session	
16.00	CLOSE	

REGISTRATION FORM

“Thermal Spray Maintenance, Repair and Overhaul Techniques in an Aerospace Environment”

Title	
Name	
Position	
Company	
Order No	
Address	
e-mail	
Telephone	
Facsimile	

		FEES	VAT	TOTAL
<input type="checkbox"/>	Member	£100.00	£20.00	£120.00
<input type="checkbox"/>	Non-Member	£125.00	£25.00	£150.00
<input type="checkbox"/>	Student	£60.00	£12.00	£72.00

Lunch is included.

Please register online (www.tssea.org), by email, fax or post.

Payment can be made by bank transfer, credit card or cheque.

BANK ACCOUNT DETAILS:	
ACCOUNT:	Thermal Spraying & Surface Engineering Association Ltd
A/C NUMBER:	80628522
SORT CODE:	20-07-82
IBAN NUMBER:	GB64 BARC 2007 8280 6285 22