

Innovation and Disruption in LCM – Opportunities, Achievements and Lessons Learned

According to NATO's Systems Life Cycle Management (SLCM) policy the main goal of systems life cycle management is to efficiently and effectively deliver, use and maintain NATO capabilities. The primary objectives include:

- To have a common understanding of all aspects of SLCM;
- To create integrated and seamless business management practices, from initial concept to retirement;
- To establish effective collaboration between all stakeholders, with clearly defined responsibilities;
- To facilitate technology insertion, mid-life updates and address obsolescence based on life cycle considerations;
- To define and apply an integrated systems approach to the development, use and support of systems;
- To acquire systems that fulfil operational and logistic requirements, optimise internal and external interfaces, address integrated logistics and in-service support, and minimise production, in-service and disposal impacts on the environment.

Against this background, the 16th NATO LCM Conference will provide a platform for the presentation of innovative approaches and concepts in support of effective materiel management. In addition to specialist presentations and papers the conference will provide ample opportunity for the exchange of information between and among experts, programme managers and decision makers from the nations' armed forces, defence administration and industry. The event will be combined with a small, dedicated exhibition, where interested parties are invited to showcase their respective capabilities.

Like in previous years, speakers, delegates and exhibitors will take advantage of the luxurious ambience of the Parker Hotel Brussels Airport which has already provided proof of its value and capabilities as the venue of similar such events for many years.

Further information: **MITTLER REPORT**

www.mittler-report.de

Registration Information

■ Organised by

Mittler Report Verlag GmbH
Baunscheidtstr. 11, 53113 Bonn, Germany
Phone: +49 228-35008-70, Fax: +49 228-35008-71
Email: LCM-Conference@mittler-report.de
Online registration: www.mittler-report.de

■ Conference Venue

Parker Hotel Brussels Airport
Bessenveldstraat 15, 1831 Diegem, Belgium
Phone: +32 2-713-6666, Fax: +32 2-713-6603
Email: meeting@phbahotel.be

■ Registration Fee

The registration fee of €870 covers participation, administration, documentation, refreshments, reception and dinner. The registration fee for delegates from government/armed forces and exhibitors is €290, speakers from industry €190. Special rate for CFD members: 25% discount. There is no registration fee for speakers from government/armed forces.

Please register in writing to Mittler Report Verlag

■ Registration Deadline: Friday, 10 January 2020.

■ Exhibition

Exhibition information and registration is available at www.mittler-report.de. Alternatively, organisations interested in exhibiting are kindly requested to contact the organiser for details. LCM-conference@mittler-report.de, phone: +49 228-35008-76

■ Accommodation

Special rates for conference delegates and speakers are offered by the Parker Hotel Brussels Airport (see above). To take advantage of our special accommodation rates, please contact the organiser for dedicated reservation forms.

■ Cancellation

For cancellations a handling fee of €80 will be charged. Cancellations must be received in writing before 10 January 2020.

It is regretted that cancellations received after this time will be liable for the full delegate fee. Substitute delegates may be made at any time at no extra charge.

■ Liability

Should the conference have to be cancelled, the liability of Mittler Report Verlag is limited to the delegate fee.

Life Cycle Management in NATO

Life Cycle Management in NATO

Innovation and Disruption in LCM – Opportunities, Achievements and Lessons Learned

16th NATO LCM Conference & Exhibition

28 and 29 January 2020
Parker Hotel Brussels Airport, Belgium



In cooperation with the NATO Life Cycle Management Group (LCMG), supported by the NATO Industrial Advisory Group (NIAG) and the German CALS Forum (CFD)

Further information: **MITTLER REPORT**

Conference Programme

15th NATO LCM Conference & Exhibition **Life Cycle Management in NATO**

Conference Chairmen:

- Thomas Espelund Petersen, Danish Defence Acquisition and Logistics Organisation (DALO), Ballerup, Denmark and
- J. Bo Leimand, LEIMAND Freelance Consultancy, Naestved, Denmark

28/29 January 2020

Parker Hotel Brussels Airport

Innovation and Disruption in LCM - Opportunities, Achievements and Lessons Learned

Tuesday, 28 January 2020

- 13.00 **Introductory Remarks, Administrative Remarks**
Conference Chairmen, Organiser
- 13.15 **Keynote Address: Emerging Life Cycle Trends**
Louis Kratz, Lockheed Martin Corp., USA
- 13.45 **AC/327 Activity Report**
Paul Belcher, Chairman, AC/327, UK MoD
- 14.15 **Innovative Concepts within LCM Analytics**
Tomas Eriksson, Systecon Group, Stockholm, Sweden
- 14.45 **Reliability Prediction for Electronic Equipment**
Eng. Maria Coraggio, Rheinmetall Italia S.p.A., Rome, Italy

- 15.15 Discussion, Coffee Break

Regional Focus: LCM Considerations in Brazil

- 15.45 **The Importance of 2nd Part Audits for the Life Cycle of Defence Material**
Col. Eliézer Mello de Souza, Army Aviation Material Directorate, Brasilia, Brazil
- 16.15 **Application of a Parametric Estimation Model for the Cost per Flight Hour (CPFH) of the Saab GRIPEN E/F Fighter Aircraft**
Major Erick Antonio Silva, Brazilian Air Force Institute of Logistics, Cumbica - Guarulhos, Brazil

- 16.45 **Predicting Failures of the Brazilian Air Force TUCANO Fleet Using Survival Regression**
Captain Luciana Mesquita Monteiro, M.Sc., Brazilian Air Force Institute of Logistics, Cumbica - Guarulhos, Brazil
- 17.15 Discussion, Concluding Remarks (Day 1)
- 17.45 Reception
- 18.15 Dinner
Dinner Speaker: Rudolf Maus, Director LCM, NSPA, Capellen, Luxembourg

Wednesday, 29 January 2020

- 08.00 **Introductory Remarks**
Conference Chairmen
- 08.10 **Through-Life Engineering Services – Modelling to Deliver Business Value**
Allen Goody, TFD Europe Limited, Norwich, United Kingdom
- 08.40 **Logistics Velocity Enabled by In-Field Additive Manufacturing**
Pam Rooney, Troika Solutions, Reston, VA, USA
- 09.10 **A Multidimensional Model to Leverage LCM Decision-Making Processes**
Raúl Rodríguez Sánchez, Ingeniería de Sistemas para la Defensa de España S.A., S.M.E., M.P., Madrid, Spain

- 09.40 **Status Report on NATO Smart Defence Project 1.22 – Demilitarisation, Dismantling and Disposal (D3) of Military Equipment**
Selma Vedor Fernandes, NSPA, Capellen, Luxembourg
- 10.10 Coffee Break
- 10.40 **Introducing NIAG's IIG to LCMG**
Andreas Kirchhofer, NIAG Industry Interface Group/ T-Systems International, Munich, Germany
- 11.10 **Life Cycle Cost Management: Cost Break Down Structure within the German Approach**
Sven Wehking, M.Sc., Bundeswehr University, Munich, Germany
- 11.40 **Workshop: Reliability Prediction**
Under the auspices of the Italian Ministry of Defence
Moderation and details to be announced by mid-November
- 12.40 Discussion, Concluding Remarks

**16th NATO Life Cycle Management
Conference & Exhibition:
LIFE CYCLE MANAGEMENT
IN NATO
28/29 JANUARY 2020**

Mittler Report Verlag GmbH
Baunscheidtstr. 11

D-53113 Bonn, Germany

Fax : +49 228-35008-71

Parker Hotel Brussels Airport
Bessenveldstraat 15
B-1831 Diegem, Belgium

Registration Deadline: 10 January 2020

This is a firm booking for the registration of the following delegates:

Name, First Name	Position	€
1.		870
2.		830
3.		790
4.		790
Together with the name of your organisation the above details will be included in the list of delegates, which is part of the conference documentation.		
Total amount		

The registration fee for exhibitors and the 1st delegate from Government/Armed Forces is €290, 2nd €270, 3rd €250. Speakers from industry: €190. Discount for CFD members: 25%. There is no registration fee for speakers from Government/Armed Forces.

Together with the confirmation of your registration an invoice will be issued. Belgian V.A.T. is invoiced where applicable

This form has been completed by:

Name.....
 Company/Organisation.....Dept

Street/POB.....
 Zip, City, Country.....

Phone.....Fax.....

Email:

V.A.T. Nr. :

.....
 (Signature) (Date)

For cancellations a handling fee of € 80 will be charged. Cancellations must be received in writing before 10 January 2019. It is regretted that cancellations received after this time will be liable for the full delegate fee. Substitute delegates may be made at any time at no extra charge.


16TH NATO LIFE CYCLE MANAGEMENT CONFERENCE & EXHIBITION

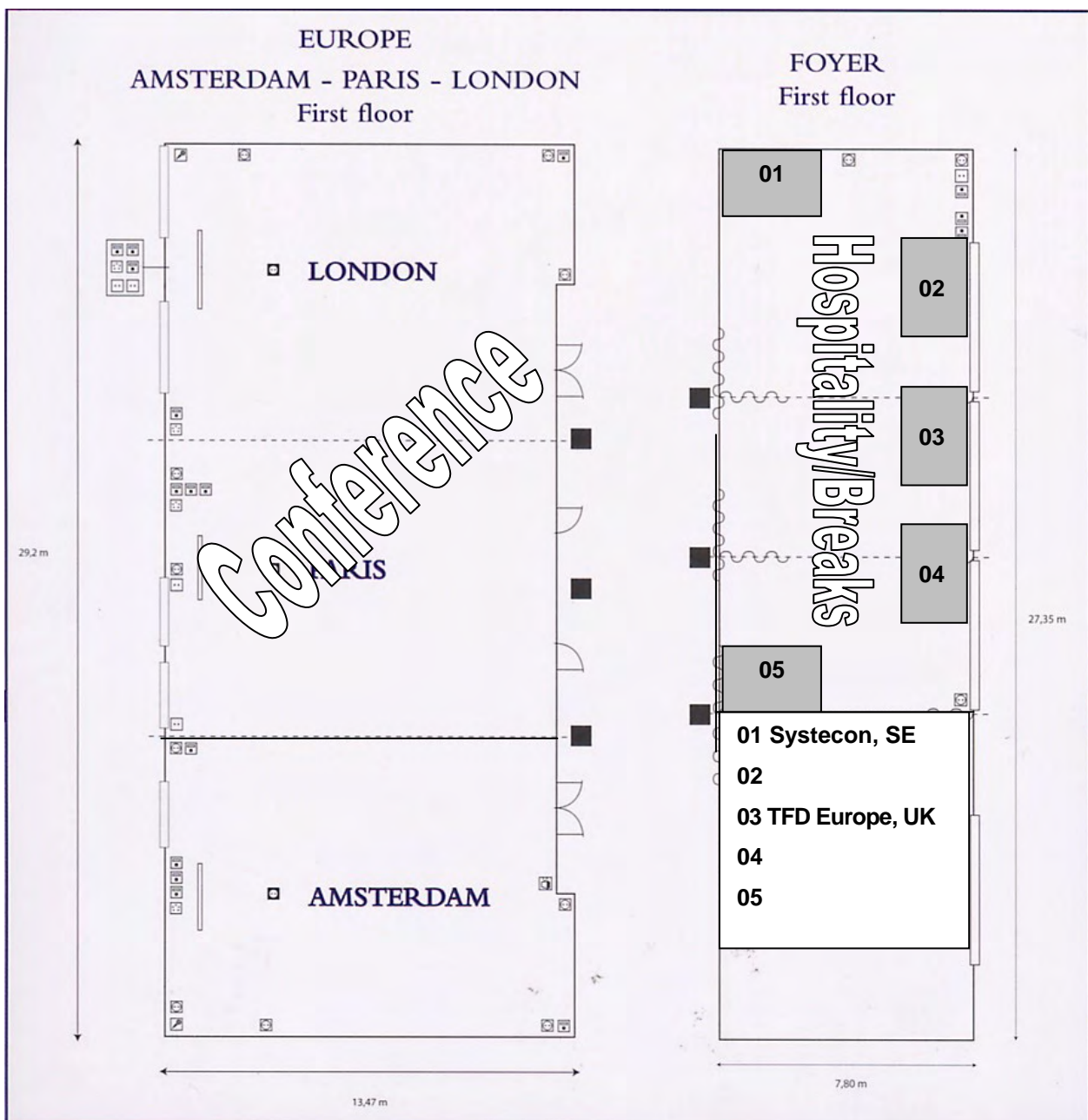
Parker Hotel Brussels Airport, 28/29 January 2020

- Exhibition Information -

The exhibition will be located in the lobby (Foyer) adjacent to the conference rooms. The lobby will also serve as the location for the coffee breaks and the reception on the first day. The exhibits are limited to display panels, which have to be provided by the exhibitors themselves (tables and chairs are available from the hotel). Due to space limitations the number of exhibits must not exceed five (5), and for each exhibit the exhibit space measures 3 x 2 m; no walls or platforms are provided (please see floor plan for details). Electricity and access to the internet via wireless LAN (WiFi) is provided free of charge. Exhibitors are kindly requested to bring their own electric plugs/adapters and extension cables.

- Conference and Exhibition Area (1st Floor) - Scale: 1:200

 = Exhibition Space 3 x 2 m (Display Panels only)



Exhibition Space Reservation Form

**16th NATO Life Cycle Management
Conference & Exhibition:**

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IN NATO**

28/29 JANUARY 2020

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Bessenveldstraat 15
B-1831 Diegem, Belgium

This is a firm booking for the reservation of exhibition space sized 3x2 m at the above conference on Life Cycle Management in NATO, 28 & 29 January 2020, Parker Hotel Brussels Airport, Belgium. The exhibition space fee is **€980** + (Belgian) V.A.T.

Industrial displays are limited each to a display panel of 2.5x3 m (height by width) and a presentation table for e.g. brochures, and promotional literature, laptop computers etc. Presentation tables, electricity and access to the internet via wireless LAN are provided by the hotel, all other exhibition equipment has to be provided by the exhibitors.

The displays can be set up in the morning of Tuesday, 28 January 2020. Representatives from the organiser will be on site to assist.

Together with the confirmation of your reservation an invoice will be issued. The agreement becomes effective upon payment of 50% of the amount invoiced within 14 days after the invoice date. All fees must be received by the date of the conference. Cancellations must be received in writing by 10 January 2020. It is regretted that cancellations received after this time will be liable for the full exhibition space fee.

This form has been completed by

Name/First Name

Company/Organisation

Dept

Street/POB

Zip/City/Country

Phone Email

Invoice Address:

.....

.....
(Signature)

.....
(Date)

Parker Hotel Brussels Airport

Bessenveldstraat 15
B-1831 Diegem
Fax:+32 2-721 43 45

MITTLER REPORT 28 & 29 OF JANUARY 2020 TBA-GF4393

PLEASE RESERVE YOUR ROOM DIRECTLY WITH THE HOTEL

FIRST NAME _____ LAST NAME _____

COMPANY _____

ADDRESS _____

TEL NO. _____ EMAIL _____

CREDIT CARD COMPANY _____

To guarantee your reservation, the hotel only accepts reservations guaranteed with a credit card number and expiry date

CREDIT CARD NO. _____ EXPIRY DATE _____

CLASSIC ROOM @ 130,28 EUR

City Tax is excluded : 4,72 euros per room per night

Rates are per room, per night and including Service. Breakfast buffet is included.

Arrival Date _____ Departure Date _____

Signature _____

Cancellation policy individual group booking

Cancellation 3 weeks before arrival – Free of charge

Cancellation 2 weeks before arrival – 50% of total amount

Cancellation 1 weeks before arrival – 75% of total amount

Cancellation 3 days before arrival – 100% of total amount

In case of no-show, early departure, the first night's accommodation will be charged to your credit card

Check-in 14h00

Check-out 12h00

Please return this form directly to: -

Reservations Department, Hotel

E-mail: meeting@gtbahotel.be

- Tel : 02/713.66.17

THESE RATES ARE ONLY VALID WHEN BOOKING IS MADE WITH THIS DOCUMENT AND SEND TO THE HOTEL BEFORE 01/01/2020, AFTER THIS DATE ROOM RATE IS UPON AVAILABILITY