

9th Brazilian Swedish Workshop in Aeronautics

Digitalization in Aeronautics

November 11, 2020

Link: https://www.youtube.com/watch?v=JXg6_cjAsgo&feature=youtu.be

09h00/13h00 - 09h20/13h20 *Workshop Opening*

- **Paulo Alvim, Secretary of Entrepreneurship and Innovation – Brazil**
- **Carl Rosén, Director General, Department of Business, Ministry of Enterprise and Innovation – Sweden**

Session 1 – The Role of Digitalization in Future Aeronautics - The perspective of OEMs and Armed Forces

09h20/13h20 - 09h25/13h25 - Session opening and introduction. Moderator: *Prof. Dr. Fernando Catalano (USP)*

09h25/13h25 - 09h45/13h45 - On digitalization and automation in aeronautics – a systems development and V&V perspective – *Dr. Magnus Eek, Strategic R&T Lead, Compact & Efficient Platform (SAAB)*

09h45/13h45 - 10h05/14h05 - Digital Transformation: how Embraer is embracing and generating new value from digital innovation – *MSc. Leonardo Garnica, Senior Manager of Innovation and Digital Transformation (EMBRAER)*

10h05/14h05 - 10h25/14h25 - The Future Air Domain Study - *Brig. Paulo Ricardo Laux, Head of the Project Office (EMAER)*

10h25/14h25 - 10h40/14h40 - Round table discussions. Moderator: *Prof. Dr. Fernando Catalano (USP)*

10h40/14h40 - 11h00/15h00 - *Virtual coffee-break*

Session 2 – Developing Solutions for Digitalization - Challenges and Contributions from Start Ups and SMEs

11h00/15h00 - 11h05/15h05 - Session opening and introduction - *Prof. Dr. Paulo Lourenção (UNIFESP)*

11h05/15h05 - 11h15/15h15 - Aircraft fuselage inspection using computer vision - *Jorge Gripp, Technology Director (AUTAZA)*

11h15/15h15 - 11h25/15h25 - Smart image data handling – Spacemetric's past, present and, above all, future - *Mr Dag Åsvärn, Partner and Operations Manager – (Spacematrix)*

11h25/15h25 - 11h35/15h35 - Digital Twins Applications - *Daniel Damasceno, CEO & CTO (MSD Consult)*

11h35/15h35 - 11h45/15h45 - Our journey in digitalization - *Dr. Henrik Kihlman, Chairman and Head of Development (PRODTEX)*

11h45/15h45 - 12h05/16h05 - Round table discussions. Moderator: *Prof. Dr. Paulo Lourenção (UNIFESP)*

12h05/16h05 - 12h15/16h15 - *Closing remarks*