The Aviation Working Group of the Fraunhofer Transport Alliance is pleased to invite you to a conference on »Digital Reality for Production and MRO Innovations«. The conference will address the chances and risks of the unfolding digitalization in the field of aircraft production and MRO. The conference will provide an opportunity for participants to discuss future concepts and possible directions of innovation. Industry experts from Fraunhofer, Airbus, MTU and IATA will present their assessments of how the aviation industry may change as it innovates for comprehensive digitalization. Artificial Intelligent systems will continuously develop and adapt their capabilities for reducing the workloads in production as well as MRO. People in the industry will be able to concentrate on system control functions and strategic decisions. Man-Machine collaboration will become part of new ‘digital realities’.

Visit our stand: Hall 4 / Booth 202
**FRAUNHOFER AVIATION CONFERENCE**

»Digital Reality for Production and MRO Innovations«  
**Wednesday, 25th of April 2018**

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<th>Time</th>
<th>Session</th>
<th>Speaker/Institution</th>
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| 2:30 pm | Welcome and Introduction     | Prof. Dr. Uwe Clausen  
Fraunhofer Institute for Material Flow and Logistics IML  
Chairman Fraunhofer Transport Alliance |
| 2:45 pm | Impulses for the digital future | "Intelligent production technologies in aircraft component assembly«  
Prof. Dr. Wilko Flügge, Fraunhofer Research Institution for Large Structures in Production Engineering IGP |
|        |                                | "Airbus' Factory of the Future at the A320 Final Assembly Line«  
Dr. Frank Bitte, Airbus Operations GmbH |
|        |                                | "Digital product model data enables highly flexible, quality and efficient aircraft assembly«  
Dr. Dirk Berndt, Fraunhofer Institute for Factory Operation and Automation IFF |
|        | Short Break (15min)            |                                                                                     |
| 5:00 pm | Panel discussion              | "Is Industry 4.0 / Digital Reality supporting production innovations and green MRO?«  
Moderation: Dr. Jonathan Köhler, Fraunhofer Institute for Systems and Innovation Research ISI |
| 5:30 pm | Debriefing at Fraunhofer stand - Hall 4 / Booth 202 |                                                                                     |