

PACEdays 2020

Tue, Oct 6

Day 1 conference program, all tracks in Berlin time (GMT+2)

3.00 pm	INTRO, WELCOME & COMMUNITY UPDATE Alexander Schneegans, PACE	3.00 pm	INTRO, WELCOME & COMMUNITY UPDATE Alexander Schneegans, PACE	3.00 pm	INTRO, WELCOME & COMMUNITY UPDATE Alexander Schneegans, PACE	3.00 pm	INTRO, WELCOME & COMMUNITY UPDATE Alexander Schneegans, PACE
	PRELIMINARY DESIGN		PRODUCT CONFIGURATION		FLIGHT OPERATIONS		EXTENDED REALITY
3.30 pm	INTRODUCING PRELIMINARY DESIGN SOLUTIONS Alexander Schneegans, PACE	3.30 pm	INTRODUCING PRODUCT CONFIGURATION SOLUTIONS Frank Ehlermann, PACE	3.30 pm	INTRODUCING FLIGHT OPERATIONS SOLUTIONS Dave Green, PACE	3.30 pm	INTRODUCING EXTENDED REALITY SOLUTIONS Joshua Swanson, PACE
4.00 pm	DESIGN STUDY FOR A HYBRID-ELECTRIC COMMUTER AIRCRAFT Introducing Pacelab APD 7.4 and Pacelab Analysis Server 1.1 – Overall workflow & results – New product features Mathias Emeneth, PACE	4.00 pm	THE FUTURE OF AIRCRAFT CONFIGURATION – Dive into the Pacelab ACE platform, from e-catalog to the management of fleet and aircraft configurations – Live demo: a journey through the Pacelab ACE configuration & visualization experience Romain Schoemaeker, PACE	4.00 pm	FMS+ IN OPERATION Introduction of Pacelab Flight Profile Optimizer at American Airlines American Airlines Dave Green, PACE	3.45 pm	HOW IMMERSIVE TECHNOLOGY & 3D VISUALIZATION IS CHANGING THE WAY WE WORK Ed Martin, Unity
5:00 pm	EXPLORING NEW PROPULSION TECHNOLOGY & AIRCRAFT CONFIGURATIONS FOR A SUSTAINABLE AVIATION FUTURE David Debney, ATI	5:00 pm	MEET THE TEAM Discover the people who deliver our professional services around the globe PACE team	5.00 pm	SHAPING THE FUTURE OF FLIGHT OPERATIONS - PART I Pacelab Flight Profile Optimizer product highlights and strategy – Welcome on board! – Product highlights – Strategy Frank Opel, Marco Jany & Timo Rosen, PACE	4.45 pm	PACELAB WEAVR 2.0 – YOUR COMPLETE SOLUTION FOR EXTENDED REALITY Joshua Swanson, PACE Jacopo Gasparetti, TXT Abdulrahman Moussa, PACE
5:30 pm	USING PACE SOFTWARE FOR SAAB AIRCRAFT & SYSTEMS ARCHITECTURE DESIGN Kristian Amadori & Christopher Jouannet, Saab					5.45 pm	VR MAINTENANCE TRAINING Federico De Marchi, Leonardo - Aircraft Division
6:00 pm	A HOLISTIC APPROACH FOR PRELIMINARY SYSTEM DESIGN OF HYBRID-ELECTRIC DRIVE TRAINS Dr. Mykhaylo Filipenko, Rolls-Royce	6.00 pm	PACELAB ACE FOR SUPPLIERS, MROS AND AIRLINES Promote your offer and let airlines select with myOffer and myPlane – Engage airlines with interactive e-catalog – Provide meaningful context with link to a cabin LOPA – Easily manage and control your offer Validate and share cabin modifications with myCabin and myCabinViewer – Define and validate detailed pre and post modification LOPAs – Adapt emergency equipment and PSU configuration – Share tailor-made 2D and 3D deliverables Romain Schoemaeker & Marius Kelm, PACE	6:00 pm	SHAPING THE FUTURE OF FLIGHT OPERATIONS - PART II FPO-SR – Full trajectory optimization and Collaborative Decision Making – SmartRoutes (SR) overview and flight deck capabilities – Integrated product & CDM vision Matt Blake, Route Dynamics Corp. Oliver Spaeth, PACE	6.15 pm	A PRACTICAL USE OF IPADS FOR VIRTUAL AND AUGMENTED REALITY TRAINING Akram Amir, AR Engineering
						6.45 pm	XR TECHNOLOGY AND INDUSTRY 4.0 Dr. Wolfgang Menzel, Continental Automotive
						7.15 pm	VIRTUAL REALITY FOR NEXT-GEN PILOT TRAINING Christos Diamantopoulos & Torsten Ihle, Cockpit4u

PACEdays 2020

Wed, Oct 7

Day 2 conference program, all tracks in Berlin time (GMT+2)

PRELIMINARY DESIGN

3.00 pm **DISTRIBUTED MODELING AS AN ENABLER FOR MULTI-LEVEL/-FIDELITY AIRCRAFT DESIGN**

Alexander Schneegans, PACE

3.30 pm **SURROGATE MODELING FOR PHYSICS-BASED AERODYNAMIC ANALYSIS – AN AUTOMATED ROUNDTRIP**

Integrating Research in Flight's FlightStream surface vorticity flow solver with Pacelab APD
Mathias Emeneth, PACE

4.30 pm User group workshop
HAVE YOUR SAY: WHAT'S NEXT FOR PACELAB SUITE | APD | SYSARC

– Product roadmap 2021
– Discussions & priorities
Tobias Handschuck, PACE

PRODUCT CONFIGURATION

3.00 pm **WHAT'S NEW AND WHAT'S ON THE ROADMAP**

What's new?

- Pacelab ACE platform updates including myCabin, myPlane & myFleet
- Software demonstration

What's on the roadmap?

- 2021 release outlook
- Preview of 3D product configurator

Carsten May & Thomas Georgi, PACE

4.00 pm **PACE SERVICES IN DATA CREATION**

Digital representation of an airplane – Data elements and challenges to describe an airplane digitally for initial configuration or modification

- What data elements are managed within Pacelab ACE?
- Challenges of digitalizing your airplanes and fleets?
- How to leverage these combined data?
- Discover PACE solution & enabling service

Carsten May & Marius Kelm, PACE

5:00 pm RedCabinLIVE panel discussion

THE PATH TO A JOINT MARKETPLACE: CHALLENGES AND OPPORTUNITIES OF SHARING DATA FOR A BETTER COLLABORATION

- Individual data needs/requirements from each market players' perspective
- Challenges of sharing data (technical issues, intellectual properties, data availability)
- How a central marketplace for data is changing the collaboration, and what are the obstacles?

Roland Gerhards, ZAL Center for Applied Aeronautical Research (Moderator)

Jeremy Hunter, JAMCO America

Carsten May, PACE

Nicole Noack, Independent Aircraft Modifier Alliance
Bernhard Randerath, Etihad Aviation Group

6.45 pm **Q&A SESSION**

Questions from previous sessions

Frank Ehlermann & Carsten May, PACE

6.00 pm

6.30 pm

7.00 pm



AIRCRAFT ANALYSIS & EVALUATION

INTRODUCING PACELAB PRODUCTS FOR AIRCRAFT ROUTE ANALYSIS

Alexander Schneegans, PACE

DIGITALIZATION DRIVING AIRCRAFT SALES & MARKETING

Route analysis with Pacelab Mission Suite

- Introducing Pacelab Mission Suite 7.1
- Highlighting new features

Carlos Castro, PACE

User group workshop
HAVE YOUR SAY: WHAT'S NEXT FOR PACELAB MISSION SUITE

- Product roadmap 2021
- Discussions & priorities

Carlos Castro & Alexander Schneegans, PACE

3.00 pm

EXTENDED REALITY

Pacelab WEAVR interactive demo part I
USING WEAVR CREATOR TO EASILY DEVELOP A VIRTUAL REALITY TRAINING APPLICATION

Joshua Swanson, PACE

Jörg Gehrmann, PACE

Jacopo Gasparetti, TXT

Abdulrahman Moussa, PACE

Torsten Ihle, Cockpit4u

5.30 pm

Pacelab WEAVR interactive demo part II
USING WEAVR MANAGER TO SET UP AND MANAGE YOUR TRAINING ENVIRONMENT

Joshua Swanson, PACE

Jörg Gehrmann, PACE

Jacopo Gasparetti, TXT

Abdulrahman Moussa, PACE

6.30 pm

Pacelab WEAVR interactive demo part III
USING WEAVR PLAYER TO ACCESS VIRTUAL TRAINING ACROSS MULTIPLE DEVICE TYPES

Joshua Swanson, PACE

Jörg Gehrmann, PACE

Jacopo Gasparetti, TXT

Abdulrahman Moussa, PACE