	DAY 1	Chair session	Technical Topics	Speakers
9h00	Registration			
9h30	Introduction from ISAE/ONERA			David Mimoun (ISAE-SUPAERO) & Peter Schmollgruber (ONERA)
10h00	Key Note 1 (40 min.)	Joseph Morlier		**Benjamin Phillips, NASA, "Transforming MDAO: How We Can Bridge the Gap Between Academic Development and Industry Adoption"**
10h40	Coffee			
11h00	Technical session 1 (4 slots of 15+5 mn each)	Stefan Görtz	MDO & MBSE	Nicolas Sarda, Florian Blanc, Kyle Hall, Bernd Feldvoss, Gaspard Berthelin (ADS & Airbus Commercial Aircraft, MDAO approached from an SE mindset) Anne Gazaix (IRT, MBSE-MDAO wing-pylon-nacelle MDO application) Anne Liza Bruggeman (Fokker and TUD, Dynamic MDAO workflows – An industrial perspective) Sparsh Garag (DLR, Dynamic MDO)
12h20	Buffet Lunch			
14h00	Technical session 2 (5 slots of 15+5 mn each)	Christophe Blondeau	Gradient based MDO	Kyriakos Giannakoglou (NTUA, Enablers for (Unsteady) Adjoint in Single- and Multi-Disciplinary Optimization) M. A. Chemak (SAFRAN, Adjoint-based optimization of an USF fan blade) Cyril Dosne (ONERA/DAAA, Tackling highly integrated engine design through adjoint body-force optimizations) Stefan Görtz (DLR, High-fidelity Gradient-based MDO Capabilities at DLR - recent cevelopments) Ögmundur Petersson & Andres Mateo Gabin (ADS, Towards Industrial Application of Multi-Fidelity MDO)
15h40	Coffee			
16h00	Technical session 3 (3 slots of 15+5 mn each)	Christian Gogu	AI-enabled MDO	Rhea Liem (Imperial College, Expanding and accelerating aerodynamic shape optimization with machine learning) Francesco Montomoli/Anirudh Rao(Imperial College, Machine Learning for Aircraft Engines Simulations) Melike Nikbay (ITU, UQ /Robust MDO assisted by Multifidelity Surrogate Modeling and ML/AI)
17h00	Technical session 4 (5 slots) - Short presentation 15mn	Nathalie Bartoli	Tour of MDO Projects (COLOSSUS, UPWING, ACAP, ODE4HERA, MPHYS, NEXTAIR)	COLOSSUS (Prajwal Prakasha & Thierry Lefebvre) ODE4HERA (Sparsh Garg) ACAP UPWING US project (MPHYS) NEXTAIR
	Benchmark presentation 5 mn		DLR F25 benchmark	new MDO grand challenge problem
18h15	Poster session / young researchers			
19h00	Cocktail event @ISAE-SUPAERO			
21h00	End of the social event			

	DAY 2		Technical Topics	Speakers
8h30				
8h50	Key Note 2 (40 min.)	Joseph Morlier		**Laura Mainini, Imperial College, "Multidisciplinary design optimization for sustainable futures in aeronautics"**
9h30	Technical session 5 (3 slots of 15+5 mn each)	Eliot Aretskin-Hariton	MDO for OAD (part I)	Sébastien Defoort (ONERA, FastOAD) Florent Lutz & Felix Pollet(ISAE-SUPAERO, Implementation of LCA models in OAD loops for hybrid-electric aircraft eco-design) Gökçin Cinar (Univ of Michigan, AACES aircraft modelling work)
10h30	Coffee			
11h00	Technical session 6 (3 slots of 15+5 mn each)	Mohammad Abu-Zurayk	Multi-level/Multi-fidelity/Mutlti-Objective MDO (part I)	Andrea Da Ronch & Declan Clifford (Univ. of Southampton, Design of an aircraft with hinged wingtips) Felipe Odaguil (Embraer, Challenges on the Application of MDO in Industry) Sven Geisbauer(DLR, Collaborative MDO applications for future aircraft at DLR)
12h00	Lunch + poster			
13h30	Technical session 7 (3 slots of 15+5 mn each)	Anne Gazaix	MDO frameworks & interoperability	François Gallard (IRT, GEMSEO Framework) Rob Falk (NASA, Update on OpenMDAO & Dymos Development from the Dev team) Michael Warner & John T. Hwang (UCSD, Graph-based modeling for large-scale multidisciplinary design optimization)
14h30	Technical session 8 (2 slots of 15+5 mn each)	Sven Geisbauer	MDO frameworks & interoperability	A. Stueck & A. Scotto Di Perrotolo (DLR & IRT, A gradient-enabled MDAO plugin API for FlowSimulator supporting state-of-the-art MDAO frameworks - GEMSeo and OpenMDAO with FlowSimultor) Christopher Lupp (AFRL, Philote)
15h10	Coffee			
15h40	Technical session 9 (3 slots of 15+5mn each)	Matthias De Lozzo	MDO under uncertainty	Gregory Dergham (SAFRAN, Assessment of robust optimization strategies for the design of a propeller) Benjamin Philipps (NASA, MDO applications with Uncertainty) T. Ghisu (From in-service degradation analysis to robust optimization of turbomachinery components, UNICA)
16h40				
19h30	Dinner optionnal - boat			

	DAY 3		Technical Topics	Speakers
8h30				
8h50	Technical session 10 (3 slots of 15+5 mn each)	Ben Philips	MDO for OAD (part II)	Rauno Cavallero (Univ Carlos III de Madrid, Multidisciplinary Optimization of Strut-BracedWings with Distributed Electric Propulsion for Local Air Quality and Noise Improvements) Maria D'Amaro, (University of Naples Federico II, GEMSEO MDO applications to UAV MALE) Eliot Aretskin-hariton & Jason Kirk (NASA, AVIARY tool and its applications)
9h50	Coffee			
10h10	Technical session 11 (3 slots of 15+5 mn each)	Joseph Morlier	Multi-level/Multi-fidelity/Mutlti-Objective MDO (part II)	Lisa Prestch (MTU, Bayesian optimization for multi-stage aero-structural turbomachinery blade design) Ines Da Costa Cardoso (ICA, ISAE-SUPAERO, Dedicated enrichment strategy for gradient-based MDO using disciplinary surrogates) Timos Kipouros (Cranfield University, Probabilistic design space exploration and optimisation using Bayesian Networks)
11h10	Technical session 12 (3 slots of 15+5 mn each)	François Gallard	MDO for Sustainability (LCA)	Dajung KIM (ENAC, How can the aviation environmental impact be evaluated in the airplane conceptual design and optimization?) Nicolas Gourdain (ISAE-SUPAERO, Aviation in the context of the Paris agreement: which role for MDO & technical levers?) Thierry Chevalier (CAPGEMINI, Expanding sustainability modeling in transition scenarios)
12h10	Lunch + poster			
14h00	Nextair Dissemination workshop			
16h00	Coffee break			
17h00	Nextair Dissemination workshop			see dedicated page
18h	End			