

[01 – Aircraft and Systems Integration]

## 7.9 \_ Hybrid-Electric and Distributed Propulsion Aircraft 2

<b>Date</b>	29 September 2016 (Thursday)
<b>Time</b>	10:00–12:30
<b>Place</b>	Track 7 (#107)
<b>Session Chair: A. Isikveren</b>	

7.9.1	10:00–10:30	[2016_0727] A REVIEW OF RECENT AIRCRAFT CONCEPTS EMPLOYING SYNERGISTIC PROPULSION-AIRFRAME INTEGRATION J. Bijewitz <sup>1</sup> , A. Seitz <sup>1</sup> , M. Hornung <sup>1</sup> ; <sup>1</sup> Bauhaus Luftfahrt e.V., Germany
7.9.2	10:30–11:00	[2016_0602] COMPARATIVE EFFICIENCY ANALYSIS OF DISTRIBUTED PROPULSION SYSTEMS FOR PROPULSIVE FUSELAGE AND HYBRID WING BODY CONCEPTS IN FP7 PROJECT "DISPURSAL" A. Mirzoyan <sup>1</sup> , A. Isyanov <sup>1</sup> , A.T. Isikveren, Safran Tech, France; <sup>1</sup> CIAM, Russia
7.9.3	11:00–11:30	[2016_0092] AEROPROPULSIVE PERFORMANCE ANALYSIS OF THE NOVA CONFIGURATIONS L. Wiat <sup>1</sup> , O. Atinault <sup>1</sup> , J.-C. Boniface <sup>1</sup> , R. Barrier <sup>1</sup> ; <sup>1</sup> ONERA, France
7.9.4	11:30–12:00	[2016_0438] HYBRID-ELECTRIC MOTIVE POWER SYSTEMS FOR COMMUTER TRANSPORT APPLICATIONS Y. Fefermann <sup>1</sup> , C. Maury <sup>1</sup> , C. Level <sup>1</sup> , K. Zarati <sup>1</sup> , J.-P. Salanne <sup>1</sup> , C. Pornet <sup>1</sup> , B. Thoraval <sup>1</sup> , A.T. Isikveren <sup>1</sup> ; <sup>1</sup> SAFRAN S.A., France
7.9.5	12:00–12:30	[2016_0461] DISTRIBUTED ELECTRIC PROPULSION FOR SMALL BUSINESS AIRCRAFT A CONCEPT-PLANE FOR KEY-TECHNOLOGIES INVESTIGATIONS J. Hermetz <sup>1</sup> , M. Ridel <sup>1</sup> , C. Döll <sup>1</sup> ; <sup>1</sup> ONERA, The French Aerospace Lab, France