

[04 – Propulsion]

## 7.3 \_ Fan & Compressors: MDO

<b>Date</b>	27 September 2016 (Tuesday)
<b>Time</b>	10:00–12:00
<b>Place</b>	Track 7 (#107)
<b>Session Chair: C. Mari</b>	

<b>7.3.1</b>	<b>10:00–10:30</b>	<b>[2016_0172] MULTI-POINT DESIGN OPTIMIZATION OF A HIGH BYPASS RATIO FAN BLADE</b> S. Qiu <sup>1</sup> , X.Y. Deng <sup>1</sup> ; <sup>1</sup> AVIC Commercial Aircraft Engine CO.LTD, China
<b>7.3.2</b>	<b>10:30–11:00</b>	<b>[2016_0261] DEVELOPMENT OF THE FAN STAGE WITH ULTRA-LOW ROTATIONAL SPEED</b> S.V. Pankov, CIAM , Russia; V.I. Mileschin <sup>1</sup> , I.K. Orekhov <sup>1</sup> , V.A. Fateev <sup>1</sup> ; <sup>1</sup> CIAM, Russia
<b>7.3.3</b>	<b>11:00–11:30</b>	<b>[2016_0629] ADVANCED PROPULSION COLLISION DAMAGE DUE TO UNMANNED AERIAL SYSTEM INGESTION</b> Y.K. Song <sup>1</sup> , K. Schroeder <sup>1</sup> , B. Horton <sup>1</sup> , J. Bayandor <sup>1</sup> ; <sup>1</sup> Virginia Tech, United States
<b>7.3.4</b>	<b>11:30–12:00</b>	<b>[2016_0481] MULTI-DISCIPLINARY DESIGN OF HIGH-SPEED COMPRESSORS FOR PROSPECTIVE TURBO-SHAFT ENGINE</b> A.N. Startsev <sup>1</sup> , Y.M. Temis <sup>1</sup> , E.G. Steshakov <sup>1</sup> , D.A. Yakushev <sup>1</sup> ; <sup>1</sup> CIAM, Russia