

[06 – Systems, Subsystems and Equipment]

## 5.5 \_ Modeling and Tests of Systems & Subsystems 1

<b>Date</b>	27 September 2016 (Tuesday)
<b>Time</b>	16:00–18:00
<b>Place</b>	Track 5 (#105)
<b>Session Chair: B. Stoufflet</b>	

<b>5.5.1</b>	<b>16:00–16:30</b>	<b>[2016_0184] SURROGATE MODELING TECHNIQUE FOR THE CONCEPTUAL AND PRELIMINARY DESIGN OF EMBEDDED ACTUATION SYSTEMS AND COMPONENTS</b> F. Sanchez, Institut Clément Ader/Paul Sabatier University, France; S. Delbecq, Institut Clément Ader/Safran Electronics & Defense, France
<b>5.5.2</b>	<b>16:30–17:00</b>	<b>[2016_0318] SELECTION OF AN UAV CONFIGURATION LAYOUT FOR OPTIMISATION OF TELEDETECTION MISSION USING HYPERSPECTRAL SENSORS</b> R. Fusaro <sup>1</sup> , Z. Goraj, Warsaw University of Technology, Poland; N. Viola <sup>1</sup> ; <sup>1</sup> Politecnico di Torino, Italy
<b>5.5.3</b>	<b>17:00–17:30</b>	<b>[2016_0619] STATISTICAL MODELING OF AIRCRAFT ENGINE FUEL FLOW RATE</b> Y.S. Chati <sup>1</sup> , H. Balakrishnan <sup>1</sup> ; <sup>1</sup> Massachusetts Institute of Technology, United States
<b>5.5.4</b>	<b>17:30–18:00</b>	<b>[2016_0188] METHODS FOR AUTOMATING MODEL VALIDATION: STEADY-STATE IDENTIFICATION APPLIED ON GRIPEN FIGHTER ENVIRONMENTAL CONTROL SYSTEM MEASUREMENTS</b> R. Hällqvist <sup>1</sup> , M. Eek <sup>1</sup> , R. Braun <sup>2</sup> , P. Krus <sup>2</sup> ; <sup>1</sup> Saab Aeronautics, Sweden ; <sup>2</sup> Linköping University, Sweden