3rd NASA GRC Propulsion Control and Diagnostics (PCD) Workshop
February 28 - March 1, 2012, Cleveland, Ohio
Poster Session

Poster Title	PoC Name (Organization)	PoC E-mail
Enhanced Engine Control (Guo)		
Commercial Modular Aero-Propulsion System Simulation 40k (C-MAPSS40k)	Jonathan Litt (NASA GRC)	jonathan.s.litt@nasa.gov
Integrated Flight/Propulsion Control	James Urnes Sr (Boeing)	james.m.urnes-sr@boeing.com
Robust Propulsion Control	Walter Merrill (Scientific Monitoring, Inc.)	walt@sci-mon.com
Incorporating Risk into Control Design for Emergency Operation of TurboFan Engines	Walter Merrill (Scientific Monitoring, Inc.)	walt@sci-mon.com
Model-Based Control and Diagnostics (Simon)		
A Unified Nonlinear Adaptive Approach for Detection and Isolation of Engine Sensor, Actuator and Component Faults	Jonathan DeCastro (Impact) Xiaondong Zhang (Wright State Univ.)	jonathan.decastro@impact-tek.com xiaodong.zhang@wright.edu
Symbolic Transient Time Series Analysis for Fault Detection in Aircraft Gas Turbine Engines	Asok Ray (Penn State University)	axr2@psu.edu
Sensor Data Qualification for Flight Critical Sensors	Kevin Melcher (NASA GRC)	kevin.j.melcher@nasa.gov
Systematic Sensor Selection Strategy	Shane Sowers (NASA GRC / QinetiQ)	tssowers@nasa.gov
Distributed Engine Control (Culley)		
Distributed Engine Control Empirical / Analytical Verification Tools	Jonathan DeCastro (Impact Technologies)	jonathan.decastro@impact-tek.com
Data Concentrator for Modular and Distributed Control of Propulsion Systems (Orbital Research)	Mike Willet (Orbital Research Inc.)	willet@orbitalresearch.com
Active Combustion Control (DeLaat)		
High-Frequency Fuel Metering Valve	Arthur V. Cooke (Active Signal Technologies)	arthur@activesignaltech.com
Active Combustion Control High-Frequency Proportional Rotary Fuel Valve	John Calleja (JASC, Inc.)	jcalleja@jasc-controls.com
Active Combustion Control Design Benchmark (GRC)	John DeLaat (NASA GRC)	john.c.delaat@nasa.gov
Sectored 1-D Code for Modeling Combustion Instability (GRC)	Dan Paxson (NASA GRC)	daniel.e.paxson@nasa.gov