1st High-Fidelity CFD Workshop Agenda (8-9 January, 2022)

Day 1: Saturday, 8 January 2022		
07:15 - 08:00	~~Continental Breakfast (Provided by AIAA)~~	
08:00 - 08:15	Welcome to the workshop! Nathan Wukie	
08:15 - 10:00	**Test suite: Large Eddy Simulation**	
	0815-0830 Introduction and overview	Johan Larsson and Dan Garmann
	0830-1000 Individual presentations (8-10 mins each)	
	Dan Garmann and Don Rizzetta	Air Force Research Laboratory
	ZJ Wang and Duan Zhaowen	University of Kansas
	Artem Korobenko and Sujal Dave	University of Calgary
	Timofey Mukha	KTH Royal Institute of Technology
	Subramanian Vallinayagam	Siemens
	Ivan Bermejo-Moreno and Johan Larsson	USC and U. of Maryland
	Siavash Toosi	KTH Royal Institute of Technology
	Razieh Zanganeh	Lawrence Technological University
10:00 - 10:30	Break	
10:30 - 12:00	**1030-1100 Individual presentations (continued)**	
	Wayne Strasser	Liberty University
	Marcel Blind	University of Stuttgart
	Christoph Brehm, Sparsh Ganju, and Will van Noordt	Universities of Maryland and Oxford
	1100-1230 Results inter-comparisons and discussion	
12:30 - 1:30	Lunch on own (not provided)	
1:30 - 2:15	**Final discussions**	
2:15 - 2:30	Break ~~(Coffee + snack provided)~~	
2:30 - 4:30	Test suite: **Steady Super/Hypersonic**	
	Overview	Andrew Corrigan
	Results	Andrew Corrigan
	Individual Presentations	
	Andrew Corrigan	Naval Research Laboratory
	Allen Baker	University of Tennessee, Knoxville
	Matt Zahr	Notre Dame
	Bruno Lopez	Metacomp Technologies Inc.
	Travis Fisher	Sandia
	Alireza Mazaheri	NASA
	Hung Truong	U. of Strasbourg
	Discussion	

Day 2: Sunday, 9 January 2022		
07:15 - 08:00	~~Continental Breakfast (Provided by AIAA)~~	
08:00 - 10:00	**Test suite: Unsteady Super/Hypersonic**	
	Shu-Osher overview	Matt Zahr
	Shock-Vortex overview	Juhyun Kim
	Individual presentations	
	Matt Zahr	Notre Dame
	Andrew Corrigan	Naval Research Laboratory
	Hung Truong	U. of Strasbourg
	Chongam Kim and Juhyun Kim	Seoul National University
	Kevin Holst	University of Tennessee, Knoxville
	Results	Matt Zahr
	Discussion	
10:00 - 10:30	Break	
10:30 - 12:30	**Test suite: Mesh Motion**	
	Overview	Nathan Wukie
	Individual presentations	
	Nathan Wukie	Air Force Research Laboratory
	Krzysztof Fidkowski	U. of Michigan
	ZJ Wang	Kansas University
	Per-Olof Persson	U.C. Berkeley
	Hung Truong	U. of Strasbourg
	Results	Nathan Wukie
	Discussion	
12:30 - 1:30	Lunch on own (not provided)	
1:30 - 3:30	**Test suite: SA-neg-QCR2000**	
	Overview	Marshall Galbraith
	Individual Presentations	
	Paul Batten	Metacomp Technologies Inc.
	Hung Truong	U. of Strasbourg
	Boris Diskin	National Institute of Aerospace
	Marshall Galbraith	MIT
	Results: Joukowski airfoil	Marshall Galbraith
	Results: Supersonic duct, Juncture flow	Boris Diskin
	Discussion	
3:30 - 4:30	**Open discussion: conclusions + continuing/future actions**	