1st Annual SU2 Developers Meeting

Sept 5th, 2016 TU Delft, AULA Conference Center, Commissie Kamer 3 Mekelweg 5, 2628 CC Delft, Netherlands

The Open-Source CFD Code

Meeting Agenda

09.00 - 09.15: Welcome & Introduction

09.15 - 09.35: SU2: Overview of History, Status, and Future Developments

Prof. Juan J. Alonso & Dr. Thomas D. Economon, Stanford University, Dr. Francisco Palacios, Boeina

09.35 - 10.00: NICFD (Non Ideal Compressible Fluid Dynamics) in the SU2 Framework

Prof. Alberto Guardone, Politecnico di Milano (presenter), Profs. Piero Colonna & Matteo Pini, TU Delft

10.00 – 10.25: Automatic Differentiation Discrete Adjoints Using SU2

Prof. Nicolas Gauger, TU Kaiserslautern

10.25 - 10.35: Coffee Break

10.35 – 11.00: Development of a High-Order Discontinuous Galerkin Fluid Solver Within SU2

Prof. Edwin van der Weide, University of Twente

11.00 – 11.25: Fluid-Structure Interaction Problems Using Native and External Structural Solvers Coupled to SU2

Prof. Rafael Palacios (presenter) & Mr. Ruben Sánchez, Imperial College, Prof. Vincent Terrapon & Mr. David Thomas, Université de Liège

11.25 – 11.50: Turbomachinery Simulations Using SU2

Profs. Matteo Pini (presenter) & Piero Colonna, Mr. Salvatore Vitale, Mr. Antonio Rubino, TU Delft Prof. Alberto Guardone, Mr. Giulio Gori Politecnico di Milano

11.50 - 12.15: Mesh Adaptation for SU2 with the INRIA AMG Library

Prof. Juan J. Alonso & Dr. Thomas D. Economon, Stanford University

12.15 – 12.45: SU2 Development Priorities for the Next Year / Discussion

Prof. Juan J. Alonso (moderator), all attendees

In order to participate (in-person or virtually), please register for the meeting by following the link on the SU2 home page (http://su2.stanford.edu).

Thanks for your interest and note that all stated times are Central European Summer Time (CEST).

To find more information about SU2 or to get involved, please visit the following pages:

SU2 on GitHub: https://github.com/su2code/SU2

SU2 Forum on CFD Online: http://www.cfd-online.com/Forums/su2/

Follow SU2 on Twitter: https://twitter.com/su2code















