3rd Annual SU2 Developers Meeting
September 16th-18th, 2018
University of Strathclyde, Scottish Universities Insight Institute (SUII)
Glasgow, Scotland, UK

Meeting Agenda of Sunday September 16th

0900 – 0915: Welcome & Agenda
0915 – 1045: Introduction to developing in SU2, covering high level class design, how to modify the code, working with GitHub (branching, PRs, regressions), etc.
1045 – 1615: Hack session, Separate groups working on various problems (lunch and snacks/coffee offered in the room while working)
1615 – 1700: Wrap-up Presentations, Two-slide presentations on major progress for the day, including discussion
1730 – open: Social at “The Counting House,” 2 St Vincent Place, G1 2DH

Meeting Agenda of Monday September 17th

0800 – 0830: Welcome & Year in Review, T. Economon (Bosch), J.J. Alonso (Stanford)
0900 – 0930: Toward optimization for reactive flows in SU2, N. Beishuizen (Bosch), D. Mayer, T. Economon
0930 – 1000: Conjugate heat transfer problems and computing coupled discrete adjoints using AD, O. Burghardt (TU Kaiserslautern), T. Albring, N. Gauger
1000 – 1030: Coffee break
1200 – 1300: Lunch
1300 – 1330: Unsteady optimization with SU2: application to turbomachinery design, A. Rubino (TU Delft), M. Pini, N. Anand, P. Colonna
1330 – 1400: Preliminary results on rotor-fuselage aerodynamics using SU2: status and challenges, M. Morelli (Politecnico di Milano), G. Gori, A. Guardone
1400 – 1430: Anisotropic mesh adaptation with the INRIA AMG library, A. Loseille (INRIA), V. Menier, B. Munguia, J.J. Alonso
1430 – 1500: Coffee break
1500 – 1530: Simulation and adjoint-based design for variable density incompressible flows with heat transfer, T. Economon (Bosch)
1530 – 1600: Implementation of pressure-based Navier-Stokes for wind energy applications, A. Ravishankara (ECN part of TNO), H. Ozdemir, E. van der Weide
1630 – 1700: Wrap Up, J.J. Alonso (Stanford)

In order to participate (in-person or virtually), please register for the meeting by following the link on the SU2 home page (https://su2code.github.io).
*Please note that all stated times are British Summer Time (BST). **The presenting author is underlined.