

SU2 Winter Workshop

Feb 3rd, 2017

13:00 – 16:00, PST

Stanford, CA 94305



Meeting Agenda

Part I

13.00 – 13.15: Welcome & Introduction

13.15 – 13.35: Tutorial 1: Basic Analysis & Configuration Options

Running SU2 & familiarization with analysis options & capabilities.

13.35 – 13.45: Q&A

13.45 – 14.05: Tutorial 2: Python Scripts & Optimization Problems

Advanced features of SU2, inputs to the SU2 python scripts.

14.05 – 14.15: Q&A

14.15 – 14.30: Coffee Break

Part II

14.30 – 14.45: Code Structure & Locally Modifying the Code

Understanding how SU2 works & how to modify it.

14.45 – 14.50: Q&A

14.50 – 15.00: Introduction to Github and SU2 Development Best Practices

How to share your changes to SU2 with the world.

15.00 – 15.45: Interactive Exercise: Modifying a Python Script

***Recommended:** bring an idea of a problem that require running several small CFD solutions sequentially – for example a sweep of an input parameter or uncertainty quantification.*

15.45 – 16.00: Open Discussion

In order to participate (in-person or virtually), please register for the meeting by following the link included in the email announcement.

Thank you for your interest in SU2. Please make sure to install SU2 and run at least one tutorial prior to the workshop. (See <https://github.com/su2code/SU2/wiki>)

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>