

## 4th JEDI Academy Timetable

February 24-27, 2020  
 Hilton Garden Inn - Big Sur Ballroom  
 1000 Aguajito Road, Monterey, CA 93940

Monday February 24 Start at 9:00 AM	Tuesday February 25 Start at 9:00 AM	Wednesday February 26 Start at 9:00 AM	Thursday February 27 Start at 9:00 AM
Lecture: Why OOPS/JEDI?	Lecture: Configurations	Lecture: OOPS Model Space	Lecture: C++
Lecture: Object Oriented Programming	Lecture: OOPS Observation Space	Lecture: Model Interfaces, getValues	Lecture: Portability (containers, modules)
Break	Break	Break	Break
Lecture: Collaborative Tools	Lecture: IODA and Interface	Lecture: BUMP	Lecture: Unit testing, Writing tests
<b>Practical: Getting Started</b>	Lecture: Observation Operators (UFO) and QC	<b>Practical: 3D-FGAT, 4D-Var</b>	<b>Practical: Add Test</b>
Lunch	Lunch	Lunch	Lunch
Lecture: OOPS Structure, Data Flow, DA Algorithms	<b>Practical: Add Observations</b>	Lecture: Other models - Marine, WRF, MPAS, etc.	<b>Q/A, Practical</b>
Break	Break	Break	Break
<b>Practical: 3D-Var, Plot increment, o-b, o-a</b>	<b>Practical: Modify, add QC</b>	<b>Practical: Advanced (Model or Observations)</b>	Debrief, Feedback