Introduction to Fortran for Scientific Computing
CINECA Rome – 2024

Lecturers: F. Salvadore, I. Baccarelli, F. Cola, C. Caravita
Location: via dei Tizii 6/B, 00185, Rome, Italy

Day 1 – 18/03/2024	
09:30 – 10:00	Welcome & Setup
10:00 - 12:15	Module 1: Introduction and Fortran basics
12:15 - 13:00	Module 2: More Fortran basics, compiling and linking/1
14:00 - 15:00	Module 2: More Fortran basics, compiling and linking/2
15:00 - 17:00	Module 3: Integer types and iterating
Day 2 – 19/03/2024	
10:00 - 11:30	Module 4: More Flow control
11:30 - 13:00	Module 5: Fortran intrinsic Types, Variables and Math/1
14:00 - 15:00	Module 5: Fortran intrinsic Types, Variables and Math/2
15:00 – 17:00	Module 6: Arrays
Day 3 – 20/03/2024	
10:00 - 13:00	Module 7: Array syntax
14:00 – 17:00	Module 8: Input/Output
Day 4 – 21/03/2024	
10:00 - 12:00	Module 9: Managing memory/1
12:00 - 13:00	Module 9: Managing memory/2
14:00 – 15:30	Module 10: Extending the language/1
15:30 – 16:30	Module 10: Extending the language/2
16:30 – 17:00	Module 11: Bridging the Gap with C

Since the topics are explained trough lectures and hands-on sessions, the actual subdivisions of modules may slightly vary.