

# Introduction to Fortran for Scientific Computing

## CINECA Rome – ONLINE event 2023

Lecturers: F. Salvatore, and I. Baccarelli

Location: ONLINE Event

Day 1 – 20/03/2023		
10:45 – 11:00	Welcome & Setup	
11:00 - 13:00	Module 1: Introduction and Fortran basics	F. Salvatore
14:00 - 15:45	Module 2: More Fortran basics, compiling and linking/1	F. Salvatore
15:45 - 17:30	Module 3: Integer types and iterating	I. Baccarelli
Day 2 – 21/03/2023		
10:00 - 11:30	Module 4: More Flow control	I. Baccarelli
11:30 - 13:00	Module 5: Fortran intrinsic Types, Variables and Math/1	F. Salvatore
14:00 - 15:00	Module 5: Fortran intrinsic Types, Variables and Math/2	F. Salvatore
15:00 – 17:30	Module 6: Arrays	I. Baccarelli
Day 3 – 22/03/2023		
10:00 - 13:00	Module 7: Array syntax	F. Salvatore
14:00 – 17:00	Module 8: Input/Output	I. Baccarelli
Day 4 – 23/03/2023		
10:00 - 12:00	Module 9: Managing memory/1	I. Baccarelli
12:00 - 13:00	Module 9: Managing memory/2	F. Salvatore
14:00 – 15:30	Module 10: Extending the language/1	F. Salvatore
15:30 – 16:30	Module 10: Extending the language/2	F. Salvatore
16:30 – 17:00	Module 11: Bridging the Gap with C	I. Baccarelli

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