

# Introduction to Fortran for Scientific Computing

## CINECA - Rome 2019

Lecturers: F. Salvatore, I. Baccarelli, and A. Marruzzo

Location: CINECA Rome - Aula Corsi, via dei Tizii 6

<b>Day 1 - 25/3/2019</b>		
09:00 - 9:30	Registration	
9:30 - 12:00	Module 1: Introduction and Fortran basics	F. Salvatore
12:00 - 13:00	Module 2: More Fortran basics, compiling and linking/1	F. Salvatore
14:00 - 15:00	Module 2: More Fortran basics, compiling and linking/2	I. Baccarelli
15:00 - 17:30	Module 3: Integer types and iterating	I. Baccarelli
<b>Day 2 - 26/3/2019</b>		
9:30 - 11:30	Module 4: More Flow control	A. Marruzzo
11:30 - 13:00	Module 5: Fortran intrinsic Types, Variables and Math/1	A. Marruzzo
14:00 - 15:00	Module 5: Fortran intrinsic Types, Variables and Math/2	A. Marruzzo
15:00 - 17:30	Module 6: Arrays	I. Baccarelli
<b>Day 3 - 27/3/2019</b>		
9:30 - 13:00	Module 7: Array syntax	F. Salvatore
14:00 - 17:30	Module 8: Input/Output	A. Marruzzo
<b>Day 4 - 28/3/2019</b>		
9:30 - 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 - 17:30	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.*