

# Introduction to modern Fortran

## CINECA - Bologna - 2018

Lecturers: N. Spallanzani, M. Guarrasi

Location: via Magnanelli 6/3, 40033 Casalecchio di Reno (BO)

The agenda is given below (\*).

<b>Day 1 - 15/10/2018</b>		
09:30 - 10:00	Registration	
10:00 - 12:00	Module 1: Introduction and Fortran basics, compiling and linking	N. Spallanzani
12:00 - 13:00	Module 2: More Fortran basics - I parte	N. Spallanzani
14:00 - 15:00	Module 2: More Fortran basics - II parte	N. Spallanzani
15:00 - 17:30	Module 3: Integer types and iterating	M. Guarrasi
<b>Day 2 - 16/10/2018</b>		
9:30 - 11:30	Module 4: More Flow control	M. Guarrasi
11:30 - 13:00	Module 5: Fortran intrinsic Types, Variables and Math - I parte	M. Guarrasi
14:00 - 15:00	Module 5: Fortran intrinsic Types, Variables and Math - II parte	M. Guarrasi
15:00 - 17:30	Module 6: Arrays	N. Spallanzani
<b>Day 3 - 17/10/2018</b>		
9:30 - 13:00	Module 7: Array syntax	N. Spallanzani
14:00 - 17:30	Module 8: Input/Output	M. Guarrasi
<b>Day 4 - 18/10/2018</b>		
9:30 - 13:00	Module 9: Managing memory	N. Spallanzani
14:00 - 17:30	Module 10: Extending the language	N. Spallanzani

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