

Introduction to modern Fortran

CINECA - Bologna - 2016

Lecturers: N. Spallanzani, A. Emerson, D. Guida

Location: Sala Corsi KION, via Magnanelli 2, 40033 Casalecchio di Reno (BO)

The agenda is given below (*).

Day 1 - 17/10/2016		
09:30 - 10:00	Registration	
10:00 - 12:00	Module 1: Introduction and Fortran basics, compiling and linking	D. Guida
12:00 - 13:00	Module 2: More Fortran basics - I parte	A. Emerson
14:00 - 15:00	Module 2: More Fortran basics - II parte	A. Emerson
15:00 - 17:30	Module 3: Integer types and iterating	A. Emerson
Day 2 - 18/10/2016		
9:30 - 11:30	Module 4: More Flow control	N. Spallanzani
11:30 - 13:00	Module 5: Fortran intrinsic Types, Variables and Math - I parte	N. Spallanzani
14:00 - 15:00	Module 5: Fortran intrinsic Types, Variables and Math - II parte	N. Spallanzani
15:00 - 17:30	Module 6: Arrays	N. Spallanzani
Day 3 - 19/10/2016		
9:30 - 13:00	Module 7: Array syntax	N. Spallanzani
14:00 - 17:30	Module 8: Input/Output	A. Emerson
Day 4 - 20/10/2016		
9:30 - 13:00	Module 9: Extending the language	N. Spallanzani
14:00 - 17:30	Module 10: Managing memory	N. Spallanzani

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