Introduction to Fortran for Scientific Computing
CINECA – Bologna 2019

Lecturers: M. Guarrasi, I. Baccarelli, E. Rossi

Location: CINECA Bologna - Aula Corsi, via Magnanelli 6/3

Day 1 – 26/11/2019		
09:00 – 9:30	Registration	
9:30 - 12:00	Module 1: Introduction and Fortran basics	E. Rossi
12:00 - 13:00	Module 2: More Fortran basics,compiling and linking/1	E. Rossi
14:00 - 15:00	Module 2: More Fortran basics,compiling and linking/	E. Rossi
15:00 - 17:30	Module 3: Integer types anditerating	E. Rossi
Day 2 – 27/11/2019		
9:30 - 11:30	Module 4: More Flow control	M. Guarrasi
11:30 - 13:00	Module 5: Fortran intrinsic Types, Variables and Math/1	M. Guarrasi
14:00 - 15:00	Module 5: Fortran intrinsic Types, Variables and Math/2	M. Guarrasi
15:00 – 17:30	Module 6: Arrays	I.Baccarelli, M. Guarrasi
Day 3 – 28/11/2019		
9:30 - 13:00	Module 7: Array syntax	M. Guarrasi
14:00 – 17:30	Module 8: Input/Output	M. Guarrasi
Day 4 – 29/11/2019		
9:30 - 12:00	Module 9: Managing memory/1	I. Baccarelli
12:00 - 13:00	Module 9: Managing memory/2	I. Baccarelli
14:00 – 15:30	Module 10: Extending the language/1	I. Baccarelli
15:30 – 16:30	Module 10: Extending the language/2	I. Baccarelli
16:30 – 17:30	Module 11: Bridging the Gap with C	I. Baccarelli

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