

# Agenda

## 1st day:

8:30 - 9:00 : Local registration  
9:00 - 9:15 : Introduction  
9:15 - 9:45 : Fortran syntax overview [1]: basics  
9:45 - 10:00 : Break  
10:00 - 11:00 : Fortran syntax overview [1]: basics  
11:00 - 11:15 : Break  
11:15 - 12:00 : Exercises I: First program and compilation  
12:00 - 12:45 : Fortran syntax overview [1]: basics  
12:45 - 13:45 : Lunch  
13:45 - 15:00 : Fortran syntax overview [1]: basics  
15:00 - 15:15 : Break  
15:15 - 16:15 : Exercises II: Declaration, intrinsic data types and control structures  
16:15 - 18:00 : Fortran syntax overview [1]: basics  
18:00 : End

## 2nd day:

8:30 - 09:45 : Exercises III: Kind Values, Derived Data Types  
09:45 - 10:00 : Break  
10:00 - 11:15 : Fortran syntax overview [2]: modules, procedures  
11:15 - 11:30 : Break  
11:30 - 12:45 : Fortran syntax overview [2]: modules, procedures  
12:45 - 13:45 : Lunch  
13:45 - 15:00 : Fortran syntax overview [2]: modules, procedures  
15:00 - 15:15 : Break  
15:00 - 17:30 : Exercises IV & V: Procedures (Functions, Subroutines and Modules)  
17:30 - 18:00 : Compilers for Fortran and their usage [12]  
18:00 : End

## 3rd day:

8:30 - 09:45 : Fortran syntax overview [3]: Dynamic Data & Pointers  
09:45 - 10:00 : Break  
10:00 - 11:15 : Exercises VI a: Dynamic Data & Pointers  
11:15 - 11:30 : Break  
11:30 - 12:45 : Fortran syntax overview [3]: Dynamic Data & Allocatable Arrays  
12:45 - 13:45 : Lunch  
13:45 - 14:45 : Fortran syntax overview [3]: Dynamic Data & Allocatable Arrays  
14:45 - 15:00 : Break  
15:00 - 17:30 : Exercises VI b: Dynamic Data & Pointers & Allocatable Arrays  
17:30 - 18:00 : Multiple source files [7]  
18:00 : End

## 4th day:

8:30 - 09:45 : Fortran syntax overview [4]: Input / Output  
09:45 - 10:00 : Break  
10:00 - 11:15 : Exercises VII: Input / Output  
11:15 - 11:30 : Break  
11:30 - 12:45 : Fortran syntax overview [4]: Input / Output  
12:45 - 13:45 : Lunch  
13:45 - 14:15 : Fortran syntax overview [4]: Input / Output  
14:45 - 15:30 : Exercise VII & VIII: Input / Output & User defined Operators, Overloading  
15:30 - 15:45 : Break  
15:45 - 18:00 : Obsolete features [5] & Fortran intrinsics [6]  
18:00 : End

## 5th day:

8:30 - 09:45 : Coarray Fortran [10]  
09:45 - 10:00 : Break  
10:00 - 11:30 : Fortran 2003 / 2008 [9]  
11:30 - 11:45 : Break  
11:45 - 12:45 : Fortran 2003 / 2008 [9]  
12:45 - 13:45 : Lunch  
13:45 - 15:30 : Program optimization for single processor performance [8]  
15:30 : End

Preliminary agenda, subject to change.