

Agenda

1st day:

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.