DSL Training Tentative Agenda

Please note that all times are Central European Time.

Monday 23rd November 2020

Time	Description	Hands on	DSL
11:00-12:30	Welcome and setup, Introduction to DSLs	No	General
12:30-13:30	Lunch break		
13:30:15:00	Introduction to PSyclone	Yes	PSyclone
15:00-15:30	Afternoon break		
15:30-17:00	Creating and using LFRic code	Yes	PSyclone

Tuesday 24th November 2020

Time	Description	Hands on	DSL
09:00-10:30	PSyData API	Yes	PSyclone
10:30-11:00	Morning break		
11:00-12:30	LFRic distributed memory support	Yes	PSyclone
12:30-13:30	Lunch break		
13:30:15:00	LFRic shared memory support	Yes	PSyclone
15:00-15:30	Afternoon break		
15:30-17:00	NEMO: overview and basic transformations	Yes	PSyclone

Wednesday 25th November 2020

Time	Description	Hands on	DSL
09:00-10:30	NEMO: OpenMP and OpenACC	Yes	PSyclone
10:30-11:00	Morning break		
11:00-12:30	Other codes and ongoing developments	No	PSyclone
12:30-13:30	Lunch break		
13:30:15:00	Introduction to dawn	No	dawn
15:00-15:30	Afternoon break		
15:30-17:00	dusk Hello World	Yes	dawn

Thursday 26th November 2020

Time	Description	Hands on	DSL
09:00-10:30	Basic Concepts on Unstructured Meshes	No	dawn
10:30-11:00	Morning break		
11:00-12:30	Differential Operators	Yes	dawn
12:30-13:30	Lunch break		
13:30:15:00	Advanced Concepts on Unstructured Meshes	No	dawn
15:00-15:30	Afternoon break		
15:30-17:00	Diffusion & Shallow Water Solver	Yes	dawn

Friday 27th November 2020

Time	Description	Hands on	DSL
09:00-10:30	Performance and Integration	No	dawn
10:30-11:00	Morning break		
11:00-12:30	Performance Exercise	Yes	dawn
12:30-13:30	Lunch break		
13:30:15:00	Summary and wrap up		General