



3rd ENES Workshop on Workflows funded by ESiWACE

Agenda

Brussels 13th and 14th September

Day 1		
08:00-08:50	<i>Registration & Welcome coffee</i>	
08:50-09:00	Welcome session	Chair: Reinhard Budich
08:50-09:00	Welcome - Workshop Introduction and opening remarks	Reinhard Budich
09:00-13:00	Session 1 – Workflow software	Chair: Mick Carter
09:00-09:30	Cylc: the path to exascale	Hilary Oliver (NIWA)
09:30-10:00	Rose: Storage and configuration of complex Cylc workflows	Dave Matthews. Or Oliver Sanders (MetO)
10:00-10:30	From Autosubmit to Cylc, migration plans at BSC	Domingo Manubens (BSC)
10:30-11:00	Analytics workflows with Ophidia/ECAS.	Sandro Fiore (CMCC)

11:00-11:15	<i>Coffee break</i>	
11:15-11:45	Kepler scientific workflow orchestrator as a tool to build computational workflows	Marcin Plociennik (PSNC)
11:45-12:15	Overview of PBS integration with CYLC	Ian Littlewood (Altair)
12:15-13:00	<i>Panel/Round table discussion</i>	Chair: Reinhard Budich
13:00-14:00	<i>Lunch break</i>	
14:00-17:30	Session 2 - Recent experiences on workflows tools exploitation in the community	Chair: Sandro Fiore
14:00-14:30	Multi-platform data delivery workflows for CMIP6 and beyond	Matthew Mizielski (MetO)
14:30-15:00	A new workflow for CESM to address CMIP6 challenges	Sheri Mickelson (NCAR)
15:00-15:30	Workflows@DKRZ - Preparing for CMIP6	Fabian Wachsmann (DKRZ)
15:30-16:00	Workflow Modernization for the United States Navy METOC Enterprise	Tim Whitcomb (NRL)
16:00-16:15	<i>Coffee break</i>	
16:15-16:45	Interfacing e-infrastructures to cope with large data volumes for end-users of climate data	Christian Pagé (CERFACS)
16:45-17:30	<i>Panel discussion on morning topics, user experience and new requirements towards the long way on exascale</i>	Chair: Mick Carter
17:30	End of Day1	
20:00	Workshop dinner	

Day 2

08:00-08:30

Registration & Welcome coffee

08:30-13:15

Session 3a - Data centres workflows: requirements and needs

Chair: Kim Serradell

08:30-09:00

CMIP6 workflows management at IPSL and CNRM/CERFACS : producing with XIOS and making sense of it on national analysis platform

Sebastien Denvil (IPSL)

09:00-09:30

Workflow management tools exploitation at CMCC

Alessandro D'Anca (CMCC)

9.30-10.00

What is special about workflows for high-res projects like HD(CP)2?

Kerstin Fieg (DKRZ)

10:00-10:30

NCI's integrated HPC modelling and analysis, data services and management platform

Ben Evans (NCI)

10:30-11:00

The use of workflow tools in the PRIMAVERA project at the Met Office and JASMIN.

John Seddon (MetO)

11:00-11:15

Coffee break

11:15-11:45

Spack for ESM: Experiences and Plans

Sergey Kosukhin (MPI)

11:45-12:15

Workflow needs for ESMValTool

Javier Vegas - ESMValTool Core Team (BSC)

12:15-13:00

Roundtable discussion on new requirements, current gaps and future actions

Chair: Sandro Fiore

13:00-14:00

Lunch break

14:00-16:00

Session 3b - Master classes on Workflow tools

Chair: Reinhard Budich

14:00-15:00

Cyclc consultancy - discussion & demonstration of Cyclc features & usage (based on feedback from workshop participants)

Dave Matthews & Oliver Sanders (MetO)

15:00-16:00 Hands-on: Analytics workflows with Ophidia/ECAS A. D’Anca (CMCC) & S. Bendoukha (DKRZ)

16:00-16:15 **Wrap-up Day 2**
End of the Workshop

Program Committee

Reinhard Budich

Mick Carter

Giovanni Aloisio

Sandro Fiore

Kim Serradell



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