



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.	S. 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	The use of ecFlow in research and operations at ECMWF	Mr Andrew Bennett & Dr Andrew Dawson (ECMWF)
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	Overview of PBS integration with CYLC	Ian Littlewood (Altair)
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	<i>Registration & Welcome coffee</i>			
08:30-13:15	Session 3a - Data centres workflows: requirements and needs	Chair: Kim Serradell	Session 3b - Master classes on Workflow tools	Chair: Reinhard Budich
08:30-09:00	CMIP6 workflows management at IPSL and CNRM/CERFACS : producing with	Sebastien Denvil (IPSL)	Cyle consultancy - discussion &	Dave Matthews &

	XIOS and making sense of it on national analysis platform		demonstration of Cylc features & usage (based on feedback from workshop participants)	Oliver Sanders (MetO)
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	Talk by NCI	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	<i>Coffee break</i>			
11:15-11:45	Spack for ESM: Experiences and Plans	Sergey Kosukhin (MPI)	Hands-on: Analytics workflows with Ophidia/ECAS	A. D’Anca (CMCC) & S. Bendoukha (DKRZ)
11:45-12:15	Workflow needs for ESMValTool	Javier Vegas - ESMValTool Core Team (BSC)		
12:15-13:00	<i>Roundtable discussion on new requirements, current gaps and future actions</i>	Chair: Sandro Fiore		
13:00-13:15	Wrap-up Day 2 End of the Workshop			

Program Committee

Reinhard Budich
Mick Carter
Giovanni Aloisio
Sandro Fiore
Kim Serradell



This event is funded by ESIWACE: the ESIWACE project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 675191 <http://www.esiwace.eu>