



## 3rd ENES Workshop on Workflows funded by ESiWACE

### Agenda

*Brussels 13th and 14th September*

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

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

## 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**

Talk by GFDL

Chandin Wilson (GFDL/NOAA)

**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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