



15/12/2016

Thursday

START: 09.00

# Grid and Cloud Technologies for high-performance high-throughput bioinformatics studies

**Venue: Institute of Applied Biosciences (INAB), CERTH,**  
6th km. Charilaou-Thermi, Thessaloniki, Greece

Those interested in participating, please contact by email Mrs Stavroula Smerla ([vousme@certh.gr](mailto:vousme@certh.gr)) until 10<sup>th</sup> December. The number of places is limited (15).

## WORKSHOP AGENDA

	Topic	Speaker
08:45 – 09:00	<i>Tech setup (wifi, power plugs, etc)</i>	
<b>Morning Session: HPC Resources</b>		
09:00 – 09:15	Welcome and Introductions	Kostas Stamatopoulos ( <i>CERTH</i> )
09:15 – 09:30	The EGI e-infrastructure	Yin Chen ( <i>EGI Foundation</i> )
09:30 – 10:00	Clouds, VMs and other resources from EGI for bioinformatics training	Yin Chen ( <i>EGI Foundation</i> ), Fotis Psomopoulos ( <i>CERTH/AUTH</i> )
10:00 – 10:15	<b>Coffee break</b>	
10:15 – 12:45	Basic tools to exploit the EGI FedCloud (hands-on exercises)	Yin Chen ( <i>EGI Foundation</i> ), Fotis Psomopoulos ( <i>CERTH/AUTH</i> )
12:45 – 13:00	<i>Tech setup of Chipster instances</i>	
13:00 – 14:00	<b>Lunch</b>	
<b>Afternoon Session: NGS Data Analysis on EGI Fed Cloud</b>		
14:00 – 14:15	NGS Data Analysis on EGI FedCloud: The Chipster platform	Kimmo Mattila ( <i>CSC, Skype presentation</i> ), Fotis Psomopoulos ( <i>CERTH/AUTH</i> )
14:15 – 16:45	Hands-on exercises for RNA-Seq and Variant Calling	Fotis Psomopoulos ( <i>CERTH/AUTH</i> )
16:45 – 17:00	Closing, Final Remarks	Kostas Stamatopoulos ( <i>CERTH</i> )

