







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) until 10th December. The number of places is limited (15).

WORKSHOP AGENDA

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