

The 4th SESAME-LinkSCEEM HPC Summer School, 15 - 17 June 2014, Ibis Hotel – Amman , Open One Meeting room

First Day 15, June	9:00 AM	Registration Desk Open		
		Opening Session (Welcome address)		
	Time	Topic	Speaker	
	9:30 AM	Opening Session + Scientific Program of SESAME	Giorgio Paolucci - (SESAME)	
	10:00 AM	Coffee break and Networking		
		Sessions		
	Time	Topic	Speaker	
	10:30 AM	Introduction to LinkSCEEM Project & HPC Technology	Salman Matalgah	
	10:45 PM	Introduction to computational aspects of SR data analysis	Claudio Ferrero (ESRF)	
	1:00 PM	Lunch @Ibis Hotel		
	2:00 PM	The pyFAI method for fast SAXS/WAXS/XRPD data processing	Zubair Nawaz + Giannis Ashiotis (SESAME+ESRF)	
	3:00 PM	Hands-on seesion on pyFAI method for fast SAXS/WAXS/XRPD data processing	Zubair Nawaz + Giannis Ashiotis (SESAME+ESRF)	
	4:00 PM	Coffee break		
4:30 PM	Hands-on seesion on pyFAI method for fast SAXS/WAXS/XRPD data processing (Cont....)	Zubair Nawaz + Giannis Ashiotis (SESAME+ESRF)		
TBD	End of the first day			
Synchrotron applications				
Second Day 16, June		Morning Sessions		
	Time	Topic	Trainer	
	9:00 AM	Introduction to task automation with the Unix shell	Instructors: Luis Pedro Coelho, Marios Isaakidis	
	11:00 AM	Coffee break		
	11:20 AM	Version control with Git & Github (I)	Instructors: Luis Pedro Coelho, Marios Isaakidis	
	1:00 PM	Lunch		
		Afternoon Sessions		
	2:00 PM	Building programs with Python (I)	Instructors: Luis Pedro Coelho, Marios Isaakidis	
	3:30 PM	Coffee break		
	3:45 PM	Building programs with Python (II)	Instructors: Luis Pedro Coelho, Marios Isaakidis	
	TBD	End of the second day		
	Software Carpentry Workshop			
Third Day 17, June		Morning Sessions		
	Time	Topic	Trainer	
	9:00 AM	Version control with Git & Github (II)	Instructors: Luis Pedro Coelho, Marios Isaakidis	
	11:00 AM	Coffee break		
	11:30 AM	Task automation with Make	Instructors: Luis Pedro Coelho, Marios Isaakidis	
	1:00 PM	Lunch		
	2:00 PM	Introduction to unit testing	Instructors: Luis Pedro Coelho, Marios Isaakidis	
	3:30 PM	Wrap-up & open discussion	Instructors: Luis Pedro Coelho, Marios Isaakidis	
	4:00 PM	Close session	SESAME + software carpentry	