







The 2nd International Conference on Cloud Computing Technologies and Applications

May 24-26 2016, Marrakech, MOROCCO

Program

Sessi	on	Topics
S-I	Α	Big data and applications
3-1	В	Cloud Security and privacy (I)
S-II	Α	Cloud Architecture and applications (I)
5-11	В	Cloud Security and privacy (II)
S-III	Α	Cloud energy efficiency
3-111	В	Cloud Architecture and applications (II)
S-IV	Α	Big data and cloud computing
2-10	В	Cloud services
S-V	Α	Cloud Security and privacy (III)
-3-V	В	Mobile and social cloud

08:30 09:00 00:00 0		Monday		Tuesd	ау		Wednes	day	Thursday
03:30 09:00 09:00 09:10 09:10 09:10 10:10 10:10 10:10 10:10 10:10 10:10 10:10 10:10 10:10 10:10 10:10 10:10 10:20 10:30 10:30 11:00 12:10	08:00		Weld	come/Re	gistration	Welc	ome/Re	gistration	
19:00 09:00 09:10 09:30 09:30 10:30									
Opening Leremony Room 1 Keynote 3 (Eleni Karatza) Room 1 Uppering Leremony Room 1 Weynote 3 (Eleni Karatza) Room 1 Reynote 3 (Eleni Karatza) Room 1 Uppering Leremony Room 1 Keynote 1 (Maria Fasil) Room 1 Coffee Break Poster session (I) Tutorial Apache Spark (I) (Frank Domoney Jamie Al-Nasir) Lunch Break Lunch Break Lunch Break Lunch Break Keynote 2 (William Frank Domoney Room 1 Microsoft Al-Nasir) Poster session (I) Tutorial Apache Spark (I) Apache Spark (I) Keynote 2 (William Frank Domoney Room 1 Microsoft Room 1 S-IV (I) S-IV (I) S-IV (I) S-IV (I) S-IV (I) Tutorial Apache Spark (I) Apache Spark (I) S-IV (I) S-IV (I) <td></td> <td></td> <td></td> <td></td> <td>,</td> <td></td> <td></td> <td>,</td> <td></td>					,			,	
Network Recent to the second to the secon			Op	ening Ce	remony				
Note: 1 (Maria Fasil) Keynote 1 (Maria Fasil) Coffee Break 0000 0000 Poster session Tutorial 11:00 S-I (A) S-I (B) Microsoft S-IV S-IV Spark (I) 11:00 S-I (A) S-I (B) Microsoft S-IV S-IV Spark (I) 12:10 S-I (A) S-I (B) Microsoft S-IV S-IV S-IV Spark (I) 12:10 S-I (A) S-I (B) Microsoft S-IV S-IV S-IV Spark (I) 12:12 S-I (A) S-I (B) Microsoft S-IV S-IV S-IV S-IV 12:12 S-II (A) S-II (B) Microsoft S-IV S-IV Microsoft 12:30 Lunch Break Lunch Break Lunch Break Lunch Break 14:00 Keynote 2 (William Frank Domoney) Room 1 Room 1 15:00 S-II (A) S-II (B) Microsoft Room 1 Coffee break 15:00 S-II (A) S-II (B) Microsoft Room 1 Keynote 4 (Christophe Cérin) 15:00 S-II (A) S-II (B) Microsoft Room 1 Microsoft Room 1 15:00 S-II (A) S-II (B) Room 2 S-V S				-		Keyno	-	-	
12:19 12:20 Scullino 1 2 Al-Nasir) 12:20 12:30 Lunch Break Lunch Break 14:00 14:00 Keynote 2 (William Frank Domoney) Room 1 Keynote 4 (Christophe Cérin) Room 1 15:00 S-II (A) S-II (B) Microsoft Azure training (II) Poster session (II) 15:30 S-II (A) S-II (B) Room 2 Vicrosoft Azure training (II) 16:30 Coffee break S-V (S) S-V (B) S-V (B) 16:30 Coffee break S-V (B) S-V (B) S-V (B) 17:00 Velcome/ S-III (A) S-III (B) Room 2 S-V (S) S-V (B) 17:20 Velcome/ S-III (A) S-III (B) Room 2 S-V (S) S-V (S) S-V (S) 18:30 Notel) S-III (A) S-III (B) Room 2 S-V (S) S-V (S) S-V (S) 18:30 Velcome/ S-III (B) Room 1 S-III (B) Room 2 S-V (S) S-V (S) S-V (S) 18:30 IN Kenzi Farah hotel) S-III (B) Room 2 Room 2 Closing ceremony	-						Room	1	ch)
12:19 12:20 Scullino 1 2 Al-Nasir) 12:20 12:30 Lunch Break Lunch Break 14:00 14:00 Keynote 2 (William Frank Domoney) Room 1 Keynote 4 (Christophe Cérin) Room 1 15:00 S-II (A) S-II (B) Microsoft Azure training (II) Poster session (II) 15:30 S-II (A) S-II (B) Room 2 Vicrosoft Azure training (II) 16:30 Coffee break S-V (S) S-V (B) S-V (B) 16:30 Coffee break S-V (B) S-V (B) S-V (B) 17:00 Velcome/ S-III (A) S-III (B) Room 2 S-V (S) S-V (B) 17:20 Velcome/ S-III (A) S-III (B) Room 2 S-V (S) S-V (S) S-V (S) 18:30 Notel) S-III (A) S-III (B) Room 2 S-V (S) S-V (S) S-V (S) 18:30 Velcome/ S-III (B) Room 1 S-III (B) Room 2 S-V (S) S-V (S) S-V (S) 18:30 IN Kenzi Farah hotel) S-III (B) Room 2 Room 2 Closing ceremony									Ike
12:19 12:20 Scullino 1 2 Al-Nasir) 12:20 12:30 Lunch Break Lunch Break 14:00 14:00 Keynote 2 (William Frank Domoney) Room 1 Keynote 4 (Christophe Cérin) Room 1 15:00 S-II (A) S-II (B) Microsoft Azure training (II) Poster session (II) 15:30 S-II (A) S-II (B) Room 2 Vicrosoft Azure training (II) 16:30 Coffee break S-V (S) S-V (B) S-V (B) 16:30 Coffee break S-V (B) S-V (B) S-V (B) 17:00 Velcome/ S-III (A) S-III (B) Room 2 S-V (S) S-V (B) 17:20 Velcome/ S-III (A) S-III (B) Room 2 S-V (S) S-V (S) S-V (S) 18:30 Notel) S-III (A) S-III (B) Room 2 S-V (S) S-V (S) S-V (S) 18:30 Velcome/ S-III (B) Room 1 S-III (B) Room 2 S-V (S) S-V (S) S-V (S) 18:30 IN Kenzi Farah hotel) S-III (B) Room 2 Room 2 Closing ceremony			Kevn	ote 1 (M	aria Fasli)				arra
12:19 12:20 Scullino 1 2 Al-Nasir) 12:20 12:30 Lunch Break Lunch Break 14:00 14:00 Keynote 2 (William Frank Domoney) Room 1 Keynote 4 (Christophe Cérin) Room 1 15:00 S-II (A) S-II (B) Microsoft Azure training (II) Poster session (II) 15:30 S-II (A) S-II (B) Room 2 Vicrosoft Azure training (II) 16:30 Coffee break S-V (S) S-V (B) S-V (B) 16:30 Coffee break S-V (B) S-V (B) S-V (B) 17:00 Velcome/ S-III (A) S-III (B) Room 2 S-V (S) S-V (B) 17:20 Velcome/ S-III (A) S-III (B) Room 2 S-V (S) S-V (S) S-V (S) 18:30 Notel) S-III (A) S-III (B) Room 2 S-V (S) S-V (S) S-V (S) 18:30 Velcome/ S-III (B) Room 1 S-III (B) Room 2 S-V (S) S-V (S) S-V (S) 18:30 IN Kenzi Farah hotel) S-III (B) Room 2 Room 2 Closing ceremony				-	-		Coffee B	roak	Ř
12:19 12:20 Scullino 1 2 Al-Nasir) 12:20 12:30 Lunch Break Lunch Break 14:00 14:00 Keynote 2 (William Frank Domoney) Room 1 Keynote 4 (Christophe Cérin) Room 1 15:00 S-II (A) S-II (B) Microsoft Azure training (II) Poster session (II) 15:30 S-II (A) S-II (B) Room 2 Vicrosoft Azure training (II) 16:30 Coffee break S-V (S) S-V (B) S-V (B) 16:30 Coffee break S-V (B) S-V (B) S-V (B) 17:00 Velcome/ S-III (A) S-III (B) Room 2 S-V (S) S-V (B) 17:20 Velcome/ S-III (A) S-III (B) Room 2 S-V (S) S-V (S) S-V (S) 18:30 Notel) S-III (A) S-III (B) Room 2 S-V (S) S-V (S) S-V (S) 18:30 Velcome/ S-III (B) Room 1 S-III (B) Room 2 S-V (S) S-V (S) S-V (S) 18:30 IN Kenzi Farah hotel) S-III (B) Room 2 Room 2 Closing ceremony							Conee B	reak	ca Par
12:19 12:20 Scullino 1 2 Al-Nasir) 12:20 12:30 Lunch Break Lunch Break 14:00 14:00 Keynote 2 (William Frank Domoney) Room 1 Keynote 4 (Christophe Cérin) Room 1 15:00 S-II (A) S-II (B) Microsoft Azure training (II) Poster session (II) 15:30 S-II (A) S-II (B) Room 2 Vicrosoft Azure training (II) 16:30 Coffee break S-V (S) S-V (B) S-V (B) 16:30 Coffee break S-V (B) S-V (B) S-V (B) 17:00 Velcome/ S-III (A) S-III (B) Room 2 S-V (S) S-V (B) 17:20 Velcome/ S-III (A) S-III (B) Room 2 S-V (S) S-V (S) S-V (S) 18:30 Notel) S-III (A) S-III (B) Room 2 S-V (S) S-V (S) S-V (S) 18:30 Velcome/ S-III (B) Room 1 S-III (B) Room 2 S-V (S) S-V (S) S-V (S) 18:30 IN Kenzi Farah hotel) S-III (B) Room 2 Room 2 Closing ceremony	-							1	urik (n€
12:19 12:20 Scullino 1 2 Al-Nasir) 12:20 12:30 Lunch Break Lunch Break 14:00 14:00 Keynote 2 (William Frank Domoney) Room 1 Keynote 4 (Christophe Cérin) Room 1 15:00 S-II (A) S-II (B) Microsoft Azure training (II) Poster session (II) 15:30 S-II (A) S-II (B) Room 2 Vicrosoft Azure training (II) 16:30 Coffee break S-V (S) S-V (B) S-V (B) 16:30 Coffee break S-V (B) S-V (B) S-V (B) 17:00 Velcome/ S-III (A) S-III (B) Room 2 S-V (S) S-V (B) 17:20 Velcome/ S-III (A) S-III (B) Room 2 S-V (S) S-V (S) S-V (S) 18:30 Notel) S-III (A) S-III (B) Room 2 S-V (S) S-V (S) S-V (S) 18:30 Velcome/ S-III (B) Room 1 S-III (B) Room 2 S-V (S) S-V (S) S-V (S) 18:30 IN Kenzi Farah hotel) S-III (B) Room 2 Room 2 Closing ceremony				Coffee B	reak	Postor	sossion		na O
12:19 12:20 Scullino 1 2 Al-Nasir) 12:20 12:30 Lunch Break Lunch Break 14:00 14:00 Keynote 2 (William Frank Domoney) Room 1 Keynote 4 (Christophe Cérin) Room 1 15:00 S-II (A) S-II (B) Microsoft Azure training (II) Poster session (II) 15:30 S-II (A) S-II (B) Room 2 Vicrosoft Azure training (II) 16:30 Coffee break S-V (S) S-V (B) S-V (B) 16:30 Coffee break S-V (B) S-V (B) S-V (B) 17:00 Velcome/ S-III (A) S-III (B) Room 2 S-V (S) S-V (B) 17:20 Velcome/ S-III (A) S-III (B) Room 2 S-V (S) S-V (S) S-V (S) 18:30 Notel) S-III (A) S-III (B) Room 2 S-V (S) S-V (S) S-V (S) 18:30 Velcome/ S-III (B) Room 1 S-III (B) Room 2 S-V (S) S-V (S) S-V (S) 18:30 IN Kenzi Farah hotel) S-III (B) Room 2 Room 2 Closing ceremony									t to atı
12:19 12:20 Scullino 1 2 Al-Nasir) 12:20 12:30 Lunch Break Lunch Break 14:00 14:00 Keynote 2 (William Frank Domoney) Room 1 Keynote 4 (Christophe Cérin) Room 1 15:00 S-II (A) S-II (B) Microsoft Azure training (II) Poster session (II) 15:30 S-II (A) S-II (B) Room 2 Vicrosoft Azure training (II) 16:30 Coffee break S-V (S) S-V (B) S-V (B) 16:30 Coffee break S-V (B) S-V (B) S-V (B) 17:00 Velcome/ S-III (A) S-III (B) Room 2 S-V (S) S-V (B) 17:20 Velcome/ S-III (A) S-III (B) Room 2 S-V (S) S-V (S) S-V (S) 18:30 Notel) S-III (A) S-III (B) Room 2 S-V (S) S-V (S) S-V (S) 18:30 Velcome/ S-III (B) Room 1 S-III (B) Room 2 S-V (S) S-V (S) S-V (S) 18:30 IN Kenzi Farah hotel) S-III (B) Room 2 Room 2 Closing ceremony						(''		/isi ti f
12:19 12:20 Scullino 1 2 Al-Nasir) 12:20 12:30 Lunch Break Lunch Break 14:00 14:00 Keynote 2 (William Frank Domoney) Room 1 Keynote 4 (Christophe Cérin) Room 1 15:00 S-II (A) S-II (B) Microsoft Azure training (II) Poster session (II) 15:30 S-II (A) S-II (B) Room 2 Vicrosoft Azure training (II) 16:30 Coffee break S-V (S) S-V (B) S-V (B) 16:30 Coffee break S-V (B) S-V (B) S-V (B) 17:00 Velcome/ S-III (A) S-III (B) Room 2 S-V (S) S-V (B) 17:20 Velcome/ S-III (A) S-III (B) Room 2 S-V (S) S-V (S) S-V (S) 18:30 Notel) S-III (A) S-III (B) Room 2 S-V (S) S-V (S) S-V (S) 18:30 Velcome/ S-III (B) Room 1 S-III (B) Room 2 S-V (S) S-V (S) S-V (S) 18:30 IN Kenzi Farah hotel) S-III (B) Room 2 Room 2 Closing ceremony					Microsoft			-	Set
12:19 12:20 Scullino 1 2 Al-Nasir) 12:20 12:30 Lunch Break Lunch Break 14:00 14:00 Keynote 2 (William Frank Domoney) Room 1 Keynote 4 (Christophe Cérin) Room 1 15:00 S-II (A) S-II (B) Microsoft Azure training (II) Poster session (II) 15:30 S-II (A) S-II (B) Room 2 Vicrosoft Azure training (II) 16:30 Coffee break S-V (S) S-V (B) S-V (B) 16:30 Coffee break S-V (B) S-V (B) S-V (B) 17:00 Velcome/ S-III (A) S-III (B) Room 2 S-V (S) S-V (B) 17:20 Velcome/ S-III (A) S-III (B) Room 2 S-V (S) S-V (S) S-V (S) 18:30 Notel) S-III (A) S-III (B) Room 2 S-V (S) S-V (S) S-V (S) 18:30 Velcome/ S-III (B) Room 1 S-III (B) Room 2 S-V (S) S-V (S) S-V (S) 18:30 IN Kenzi Farah hotel) S-III (B) Room 2 Room 2 Closing ceremony								• • • •	pu
12:19 12:20 Scullino 1 2 Al-Nasir) 12:20 12:30 Lunch Break Lunch Break 14:00 14:00 Keynote 2 (William Frank Domoney) Room 1 Keynote 4 (Christophe Cérin) Room 1 15:00 S-II (A) S-II (B) Microsoft Azure training (II) Poster session (II) 15:30 S-II (A) S-II (B) Room 2 Vicrosoft Azure training (II) 16:30 Coffee break S-V (S) S-V (B) S-V (B) 16:30 Coffee break S-V (B) S-V (B) S-V (B) 17:00 Velcome/ S-III (A) S-III (B) Room 2 S-V (S) S-V (B) 17:20 Velcome/ S-III (A) S-III (B) Room 2 S-V (S) S-V (S) S-V (S) 18:30 Notel) S-III (A) S-III (B) Room 2 S-V (S) S-V (S) S-V (S) 18:30 Velcome/ S-III (B) Room 1 S-III (B) Room 2 S-V (S) S-V (S) S-V (S) 18:30 IN Kenzi Farah hotel) S-III (B) Room 2 Room 2 Closing ceremony			S-I (A)	S-I (B)		S-IV	S-IV	•	iy a
12:19 12:20 Scullino 1 2 Al-Nasir) 12:20 12:30 Lunch Break Lunch Break 14:00 14:00 Keynote 2 (William Frank Domoney) Room 1 Keynote 4 (Christophe Cérin) Room 1 15:00 S-II (A) S-II (B) Microsoft Azure training (II) Poster session (II) 15:30 S-II (A) S-II (B) Room 2 Vicrosoft Azure training (II) 16:30 Coffee break S-V (S) S-V (B) S-V (B) 16:30 Coffee break S-V (B) S-V (B) S-V (B) 17:00 Velcome/ S-III (A) S-III (B) Room 2 S-V (S) S-V (B) 17:20 Velcome/ S-III (A) S-III (B) Room 2 S-V (S) S-V (S) S-V (S) 18:30 Notel) S-III (A) S-III (B) Room 2 S-V (S) S-V (S) S-V (S) 18:30 Velcome/ S-III (B) Room 1 S-III (B) Room 2 S-V (S) S-V (S) S-V (S) 18:30 IN Kenzi Farah hotel) S-III (B) Room 2 Room 2 Closing ceremony					_	(A)	(B)	-	alle
12:19 12:20 12:30 14:00 Lunch Break Lunch Break 14:00 Lunch Break Lunch Break 14:00 Keynote 2 (William Frank Domoney) Room 1 Keynote 4 (Christophe Cérin) Room 1 15:00 S-II (A) S-II (B) 15:10 S-II (A) S-II (B) 15:20 S-II (A) S-II (B) 16:30 Room 1 Poster session (II) 16:30 Coffee Break S-V (B) 16:30 Coffee Break S-V (B) 17:00 Registration (in Kenzi Farah hotel) S-III (A) 18:30 S-III (A) S-III (B) 18:30 Coffee Break S-V (B) 18:30 Coffee Ireak S-III (B) 19:30 Gala Dincer Closing ceremony					• • •	Room	Room) >
12:30 12:30 12:30 12:30 12:30 12:30 12:30 12:30 12:30 12:30 12:30 12:30 14:00 14:00 14:00 14:20 12:30 12:30 14:20 14:20 12:30 12:30 12:30 12:30 15:00 15:00 15:10 15:10 15:10 15:10 15:20 5-II (A) 5-II (B) Microsoft training (II) Poster session (II) 15:30 5-II (A) 5-II (B) Room 1 Poster session (II) 16:10 16:10 10:10 10:10 Registration 16:30 16:30 10:10 S-III (A) S-III (B) S-III (B) 17:00 Welcome/ S-III (A) S-III (B) S-III (B) Room 1 S-V Spark (II) (Frank Domoney Jamie Al-Nasir) 18:20 10:11 1 1 1 Mache Spark (II) (Frank Domoney						1	2	Al-Nasir)	
12:30 14:00 14:00 14:00 14:00 14:00 14:20 Keynote 2 (William Frank Domoney) Room 1 Keynote 4 (Christophe Cérin) Room 1 15:00 S-II (A) 15:10 S-II (B) 15:20 S-II (B) 15:30 S-II (B) 15:45 Room 1 16:00 Room 1 16:10 S-II (A) 16:20 Coffee Break 16:30 Coffee Break 17:00 Velcome/ Registration 17:20 17:20 Velcome/ Registration 17:40 17:20 S-III (A) Room 1 18:20 S-III (A) Room 1 18:20 S-III (A) Room 1 18:20 S-III (A) Room 1 18:20 S-III (B) Room 1 19:30 Gala Dimer									
14:00 Lunch Break Lunch Break 14:00 Keynote 2 (William Frank Domoney) Room 1 Keynote 4 (Christophe Cérin) Room 1 15:00 S-II (A) S-II (B) 15:10 S-II (A) S-II (B) 15:20 S-II (A) 15:30 S-II (B) 15:45 Room 1 16:00 Room 1 16:10 Room 1 16:20 Coffee break 16:30 Coffee break 16:30 Coffee break 17:00 Velcome/ (In Kenzi Farah hotel) 17:20 Welcome/ (In Kenzi Farah hotel) 18:20 S-III (A) 18:20 S-III (A) 18:30 S-III (A) 19:30 Gala Dimeer	-								
14:00 14:00 14:00 14:00 14:20 Keynote 2 (William Frank Domoney) Room 1 Keynote 4 (Christophe Cérin) Room 1 15:00 15:00 Nicrosoft Azure training (II) Poster session (II) 15:10 S-II (A) S-II (B) Microsoft Azure training (II) 15:30 S-II (A) S-II (B) Coffee break 16:30 Coffee Break Coffee break Apache Spark (II) 16:30 Coffee Break S-V (A) S-V (B) Spark (II) 17:00 Registration (In Kenzi Farah hotel) S-III (A) S-III (B) Room 2 Norman 2 18:20 In Kenzi Farah hotel) S-III (A) S-III (B) Room 2 Closing ceremony 19:30 Gala Dinner Gala Dinner Closing ceremony Closing ceremony				Lunch B	reak		Lunch B	reak	
14:20 Keynote 2 (William Frank Domoney) Room 1 Keynote 4 (Christophe Cérin) Room 1 15:00 Nicrosoft Azure training Room 1 Poster session (II) 15:10 S-II (A) 15:20 S-II (B) Room 2 Microsoft Azure training Room 2 Poster session (II) 15:45 S-II (A) 16:00 S-II (B) Room 2 Microsoft Azure training Room 2 Poster session (II) 16:00 S-II (B) Room 1 S-II (B) Room 2 Tutorial Apache S-V (A) 1 Tutorial Apache Spark (II) (Frank Domoney Jamie AI-Nasir) 18:20 Welcome/ Registration (in Kenzi Farah hotel) S-III (A) Room 1 S-III (B) Room 2 S-V (A) Room 1 S-V (B) Room 1 S-V (B) Room 1 S-V (B) Room 1 S-V (B) Room 1 S-V (B) Room 1 S-V (A) (B) Room 1 S-V (B) (B) Room 1 S-V (A) (B) (B) (Closing cermony S-V (A) (B) (B) (B) (B) (B) (B) (B) (B) (B) (B	14:00			Lunch	Cak		Lunch	leak	
14:50 Domoney) Cérin) 14:50 Room 1 Room 1 15:00 Nicrosoft Room 1 15:10 S-II (A) S-II (B) 15:20 S-II (A) 15:45 Room 1 16:00 Room 1 16:10 Room 1 16:20 Room 1 16:30 Coffee break 16:30 Coffee break 16:30 Coffee break 17:00 Welcome/ 17:20 Registration (in Kenzi Farah) S-III (A) 18:20 Notel) 18:20 Notel) 18:20 Notel) 19:30 Gala Dinner	14:00								
14:30 15:00 Image: state interval and	14:20		Keyno			Keyn	-	•	
15:00 15:00 15:10 Poster session (II) 15:10 15:20 S-II (A) S-II (B) Microsoft Poster session (II) 15:20 15:30 S-II (A) S-II (B) Poster session (II) Formation (II) 15:45 16:00 Initial (II) Claudio Coffee break Coffee break 16:30 Initial (II) Claudio Resistration S-III (A) S-III (B) S-V S-V S-V S-V Apache Spark (II) 17:00 Velcome/ S-III (A) S-III (B) Room 2 S-V S-V S-V S-V S-V Spark (II) (Frank Domoney Jamie Al-Nasir) Al-Nasir) Initial (II)	14:50							•	
15:10 15:20 15:30 S-II (A) S-II (B) Microsoft Poster session (II) 15:45 16:00 Iside Iside Iside Iside 16:10 Iside Iside Iside Iside Iside Iside 16:10 Iside Isid	15:00			Room	1		Room	1	
15:10 15:20 15:30 S-II (A) S-II (B) Microsoft Poster session (II) 15:45 16:00 Iside Iside Iside Iside 16:10 Iside Iside Iside Iside Iside Iside 16:10 Iside Isid	15:00								
15:20 15:30 S-II (A) S-II (B) Microsoft Poster session (II) 15:30 15:45 Room 1 S-II (B) Room 2 Itaning 16:00 16:10 Room 1 Room 2 (II) Claudio 16:30 Coffee break Coffee break Coffee break 16:30 Coffee Break S-V S-V S-V Spark (II) 17:00 Welcome/ S-III (A) S-III (B) Room 2 S-V S-V Spark (II) 17:30 Registration S-III (A) S-III (B) Room 2 I I Apache 18:00 hotel) S-III (A) S-III (B) Room 2 Closing ceremony Jamie 18:30 Gala Dinner Gala Dinner Closing ceremony Closing ceremony Closing ceremony						Do	-		
15:30 S-II (A) S-II (B) training 15:45 6:00 Room 1 Room 2 (II) 16:10 Image: Confee break Coffee break Coffee break 16:30 Image: Confee break S-V S-V S-V 16:30 Image: Confee break S-V S-V S-V 17:00 Image: Confee break S-V S-V S-V Spark (II) 17:00 Image: Confee break S-V S-V S-V Spark (II) 17:00 Image: Confee break S-III (A) S-III (B) Room 1 S-V S-V S-V Spark (II) 17:20 Image: Confee break S-III (B) Room 2 Image: Confee break S-V S-V S-V S-V S-V Spark (II) (Frank Domoney Jamie 17:40 (in Kenzi Farah) Notel) S-III (A) Room 1 S-III (B) Room 2 Image: Cosing ceremony Jamie 18:30 Image: Cosing ceremony Image: Cosing ceremony <t< td=""><td></td><td></td><td></td><td></td><td></td><td>PO</td><td>ster sess</td><td>sion (II)</td><td></td></t<>						PO	ster sess	sion (II)	
15:45 15:45 S-II (A) S-II (B) training (II) 16:00 16:10 Image: Contract of the second secon									
16:00 16:10 16:20Room 1Room 2(II) Claudio RossiCoffee break16:30Initial control in the second se									
16:10 16:20 16:30Coffee breakCoffee break16:30 17:00Image: constraint of the second			Room 1	Room					
16:20 16:30Coffee BreakTutorial Apache16:30 17:00Coffee BreakS-V (A) (B) Room 1S-V (B) (B) Room 1S-V (B) (Frank Domoney / Jamie Al-Nasir)17:20 17:20 17:20 17:20 17:20 17:20 17:20 17:20 17:20 17:20 17:20 17:20 18:20 18:30S-III (A) Room 1S-III (B) Room 216:30 17:20 17:20 17:20 17:20 17:20 17:20 18:20 18:30S-III (A) Room 1S-III (B) Room 2S-V (B) Room 1S-V (B) Room 1S-V (B) (Frank Domoney / Jamie Al-Nasir)19:30Gala Dinner	16:10						Coffee h	roak	
16:30Coffee BreakTutorial Apache17:00Velcome/ 17:20S-III (A) Registration 17:40S-III (B) Room 1S-III (B) Room 2S-V (A) Room 1S-V (B) Room 1S-V (B) Room 1S-V (B) (Frank Domoney J Jamie Al-Nasir)19:30Gala Dinner					Rossi		conce D		
17:00Welcome/Coffee BreakApache17:00Welcome/FrankFrankS-VS-VS-VS-VSpark (II)17:30RegistrationS-III (A)S-III (B)Room 1Room 1Noom 1Noom 1Noom 1Domoney18:20hotel)Room 1Gala DinnerGala DinnerClosing ceremonyNoom 1Noom 1Noom 2Noom 1Noom 1 <td>16:30</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	16:30								
17:00Apache17:00Welcome/17:20Welcome/17:30Registration17:40(in Kenzi Farah hotel)18:20S-III (A)18:30S-III (B)18:30Gala Dinner	16:30				rook			Tutorial	
17:00 17:20Welcome/ RegistrationS-III (A) Room 1S-III (B) Room 2(A) Room 1(B) Room 1Spark (II) (Frank Domoney / Jamie Al-Nasir)18:20 18:3018:306ala Dinner	17:00			corree B	геак	C V	C V	Apache	
17:20 Welcome/ Registration 17:30 Registration 17:40 (in Kenzi Farah hotel) 18:20 Noom 1 18:30 Closing ceremony	17:00							Spark (II)	
17:30Registration17:40(in Kenzi Farah hotel)S-III (A) Room 1S-III (B) Room 2111Domoney / Jamie Al-Nasir)18:2018:30Gala Dinner	17:20	Welcome/						(Frank	
17:40 (in Kenzi Farah hotel) 3-in (A) Room 1 3-in (B) Room 2 / Jamie Al-Nasir) 18:20 18:30 Closing ceremony 19:30 Gala Dinner	17:30								
18:00 Hotely 18:20 Closing ceremony 19:30 Gala Dinner	17:40		-	-					
18:30 Closing ceremony 19:30 Gala Dinner		hotel)	Room	1	Room 2			Al-Nasir)	
19:30 Gala Dinner									
Gala Dinner	18:30					Clo	osing cer	emony	
Gala Dinner	19:30								I
	23:00			Gala Dir	ner				

Keynote talks

Kourata 1	Gaining Insights through Big Data and Analytics	Tuesday	
Keynote 1	Maria Fasli, University of Essex, UK	09:30 -10:30	
	How Cloud and SMACK Architecture cope with the vast volumes of	Tuesday	
Keynote 2	data from sensors and machines in Smart Cities	Tuesday	
	William Frank Domoney, University of Essex, UK	14:00 – 15:00	
	Current and Future Trends in Cloud Computing – Problems and	Wednesday	
Keynote 3	Solutions	Wednesday 9:00 – 10:00	
	Eleni Karatza, Aristotle University of Thessaloniki, Greece	9:00 - 10:00	
Keynote 4	Cloud computing for research in low and middle income countries	Wednesday	
	Christophe Cérin, University of Paris 13, France	14:00 - 15:00	

Presentation guidelines:

- All presentations should be in English.
- The time provided for **Full** oral presentations is 20 min (presentation and discussion).
- The time provided for **Short** oral presentations is 10 min (presentation and discussion).
- The speakers should give their slides to the session chair before the beginning of each session.

S-I (A)	Big data and applications			
	<u>Chair</u>: - Maria Fasli, University of Essex, UK			
Tuesday , May 24 11:00–12:30	Performance Evaluation of CEP Engines for Stream Data Processing (ID-33) Fadwa Lachhab, Mohamed Bakhouya, Mohammed Essaaidi and Radouane Ouladsine Towards Adopting Big Data Technologies by Mobile Networks Operators: a Moroccan Case Study (ID-53) Houda Daki, Asmaa El Hannani, Abdelhak Aqqal , Abdelfattah Haidine, Aziz Dahbi and Hassan Ouahmane Fusion of GPS/INS/Odometer measurements for land vehicle navigation with GPS outage (ID-27) Mohammed Aftatah, Abdelkabir Lahrech and Abdelouahed Abounada ZCPGenerator Framework: Zakat Calculation Platforms Generator based on MDA Approach (ID-60) Abdelaziz Mamouni, Zayed Alhaddad, Youness Boukouchi and Abdelaziz Marzak Class Noise Elimination Approach for Large Datasets Based on a Combination of Classifiers (ID-9): Short Btissam Zerhari			

S-I (B)	Cloud Security and privacy (I)
	Chair: - Claude Tadonki, MINES ParisTech, France
Tuesday , May 24 11:00–12:30	Multi-Criteria Malleable Task Management for Hybrid-Cloud Platforms (ID-84) Eddy Caron and Marcos Dias de Assunção Software agent based model for Security risk assessment in cloud computing environment (ID-65) Angelo Furfaro, Teresa Gallo, Alfredo Garro, Domenico Saccà and Andrea Tundis FP2E: Flexible, Effective And Privacy Preserving Cloud Data Sharing Scheme (ID-14) Imad El Ghoubach, Rachid Benabbou and Fatiha Mrabti Towards Secure Tag-MapReduce Framework in Cloud (ID-70) Cherif A. A. Bissiriou, Rachid Cherkaoui, Abdelghafour Harraz and Mostapha Zbakh Cloud Security and Privacy Model for Providing Secure Cloud Services (ID-1): Short
	Khalid El Makkaoui, Abdellah Ezzati and Abderrahim Beni-Hssane

S-11 (A)	Cloud Architecture and applications (I)			
	Chair: - Tarek El-Ghazawi, The George Washington University, USA			
Tuesday , May 24 15:00–16:30	Reducing the Number of Response Time SLO Violations by a Cloud-HPC ConvergenceScheduler (ID-79)Alessandro Kraemer, Carlos Maziero, Olivier Richard and Denis TrystramNeuro-fuzzy model for Prognostic as a Service in private cloud computing (ID-85)Terrissa Labib Sadek, Bouzidi Zahra, Zerhouni Noureddine and Gouriveau RafaelSecure data storage in the cloud with homomorphic encryption (ID-11)Yasmina Bensitel and Rahal RomadiCloud of things-based decision-making process using product's traceability (ID-30):ShortAbdesselam Bougdira, Abdelaziz Ahaitouf and Akharraz IsmailCapability and Maturity Model for reuse: a Practical Guide (ID-62): ShortSiham Younoussi and Ounsa RoudiesECC certificate for authentication in Cloud-based RFID (ID-29): ShortChaimae Elmakfalji, Rahal Romadi and Abdellatif El Afia			

S-II (B)	Cloud Security and privacy (II)
	Chair: - Claudio Rossi, Istituto Superiore Mario Boella, Italy
Tuesday , May 24 15:00–16:30	Automated Anomaly Detection for Cloud Quality of Service (ID-35) John Pendlebury, Vincent C. Emeakaroha, David O'Shea, Neil Cafferkey, John Morrison and Theo Lynn Taking Account of Trust When Adopting Cloud Computing Architecture (ID-39) Mohamed Bakouk, Youness Idrissi Khamlichi and Mohamed Moughit New Architecture Model to secure Cloud Data Storage (ID-49) Maryem Berrezzouq and Abdellatif El Ghazi A Novel Collaborative IDS Framework for Cloud Computing (ID-56): Short Zayed Al Haddad, Mostafa Hanoune and Abdelaziz Mamouni Log File's Centralization to Improve Cloud Security (ID-23): Short Meryem Amar, Mouad Lemoudden and Bouabid El Ouahidi Security of Architectures E-commerce Based on Cloud Computing (ID-51): Short Fadma Elbadaoui, Hanane Houmani and Saida Tallal

S-III (A)	Cloud energy efficiency
	<u>Chair</u>: - Pierre Manneback, University of Mons, Mons, Belgium
Tuesday , May 24 17:00–18:30	 The Impact of Hierarchical Structure on Efficiency of Cloud Monitoring (ID-24) Sultan Alshamrani, Dariusz Kowalski and Leszek Gasieniec On the Impact of Virtualization on the I/O Performance of Analytic Workloads (ID-18) Son Hai Ha, Daniele Venzano, Patrick Brown and Pietro Michiardi Towards a Smart Selection of Resources for Low-energy Multimedia Processing (ID-6) Sidi Ahmed Mahmoudi Collision Avoidance and Service Differentiation at the MAC Layer of WSN Designed for Multi-Purpose Applications (ID-76) Iala Imad, Imane Dbibih, Ouadoudi Zytoune and Driss Aboutajdine Towards selective mobile cloud services (ID-32): Short Hind Bangui, Said Rakrak and Said Raghay

S-III (B)	Cloud Architecture and applications (II)
	Chair: - Eddy Caron, ENS de Lyon, Lyon, France
Tuesday , May 24 17:00–18:30	A Performed Load Balancing Algorithm for Public Cloud Computing using Ant Colony Optimization (ID-5) Awatif Ragmani, Amina El Omri, Noreddine Abghour, Khalid Moussaid and Mohammed Rida A Secure Framework For Medical Image Storage Based on Multi-Cloud (ID-36) Ali Kartit and Mbarek Marwan A Novel Architecture for Task Scheduling Based on Dynamic Queues and Particle Swarm Optimization in Cloud Computing (ID-40) Hicham Ben Alla, Said Ben Alla and Abdellah Ezzati Adaptive Cloud system implementation (ID-66) Abdelghafour Harraz, Cherif Bissiriou and Rachid Cherkaoui New Technique for Face Recognition Based on SVD(ID-8): Short
	El Mahdi Barrah, Said Safi, Abdessamad Malaoui

S-IV (A)	Big data and cloud computing
	Chair: - Christophe Cérin , University of Paris 13, France
	Public Opinion Knowledge (POK) Platform based on Apache Hadoop (ID-47)
	Abdelkader Rhouati, El Hassane Ettifouri, Mohammed Ghaouth Belkasmi and Bouchentouf Toumi
Wednesday,	A Model-Driven Architecture-based Data Quality Management Framework for the Internet of Things (ID-69)
May 25	Aimad Karkouch, Hajar Mousannif, Hassan Al Moatassime and Thomas Noel
11:30–12:30	A Post-Prognostics Decision framework for cell site maintenance using Cloud Computing and Internet of Things (ID-83)
	Terrissa Sadek Labib, Meraghni Safa, Zerhouni Noureddine, Varnier Christophe and Ayad Soheyb

S-IV (B)	Cloud services
	<u>Chair</u>: - Eleni Karatza , Aristotle University of Thessaloniki, Greece
Wednesday, May 25 11:30–12:30	On the Evaluation of Cloud Web Services for Crowdsourcing Mobile Applications (ID- 28) Muluneh Hailu Heyi and Claudio Rossi Adaptive Workload Prediction for Proactive Auto Scaling in PaaS Systems (ID-16) Ridwan Shariffdeen, Tharindu Munasinghe, Supun Bhathiya, Janaka Bandara and Dilum Bandara Load Balancing Issue in Cloud Services Selection by Using MCDM and Markov Chain Model Approaches (ID-19): Short Hemam Sofiane Mounine and Hioual Ouassila Online Multi-Instance Acquisition for Cost Optimization in IaaS Clouds(ID-58): Short Nour-Eddine Alouane, Jaafar Abouchabaka and Najat Rafalia

S-V (A)	Cloud Security and privacy (III)
	Chair: - Abdellah Touhafi, Vrije Universiteit Brussel, Belgium
Wednesday, May 25 16:30 – 18:00	A Virtual Environment for the Enactment of Realistic Cyber Security Scenarios (ID-92) Angelo Furfaro, Antonio Piccolo, Domenico Saccà and Andrea Parise Efficient Anonymous User Authentication on Server Without Secure Channel During Registration (ID-15) An Braeken and Abdellah Touhafi Dynamic adaptation of the ACS-TSP local pheromone decay parameter based on the Hidden Markov Model (ID-46) Safae Bouzbita, Abdellatif El Afia, Rdouan Faizi and Mustapha Zbakh Existing solutions and new approach (ID-41) Meryeme Alouane and Hanan El Bakkali

S-V (B)	Mobile and social cloud
	Chair: - William Frank Domoney, University of Essex, UK
Wednesday, May 25 16:30 – 18:00	A Decision-Support Model Enabling a Proactive Vision of Cloud Computing Adoption (ID-61) M'Barek El Haloui and Abdelaziz Kriouile Cloud Computing and Sentiment Analysis in E-learning Systems (ID-59) Taoufiq Zarra, Raddouane Chiheb, Rdouan Faizi and Abdellatif El Afia A Cloud based platform for Real Time Online Labs with User Collaboration (ID-74): Short Abdellah Touhafi, An Braeken, Abderrahim Tahiri, Mostapha Zbakh Optimal decision making for mobile offloading (ID-43):Short Mouad Idri, Rami Langar and Wenzhong Li Toward Cloud SaaS for web service composition optimization based on genetic algortihm (ID-82) Ali Bentaleb and Ahmed Ettalbi

	Poster session (I)
Wednesday, May 25 10:30 – 11:30	Big Data security Requirement in the Cloud Computing (ID-38) Lamyae Hbibi and Hafid Barka Gene expression data analyses for supervised prostate cancer Classification based on feature subset selection combined with different classifiers (ID-26) Sara Haddou Bouazza On Privacy-aware for Cloud Computing (ID-63) Abderrahim Ait Wakrime, Said Jabbour and Imen Ouled Dlala Self Organization Agent Oriented Dynamic Resource Allocation on Open Federated Clouds Environment (ID 67) Kemchi Sofiane, Zitouni Abdelhafid and Djoudi Mahieddine

	Poster session (II)
Wednesday, May 25 15:00 – 16:00	Study and Evaluation of the VOIP's Performance on the Dynamic Multipoint VirtualPrivate Network (ID-73)Ayoub Bahnasse and Najib El KamounA Secure Framework For Medical Image Processing Over Cloud (ID-75)Ali Kartit, Mbarek Marwan, and Hassan OuahmaneToward Cloud SaaS for web service composition optimization based on geneticalgortihm (ID-82)Ali Bentaleb and Ahmed EttalbiA High-Performance and Scalable Distributed Storage and Computing System for IMSServices (ID-88)Youssef Seraoui, Mostafa Bellafkih, Brahim RaouyaneSecurity and Privacy challenges in Big Data (ID-89)Karim Abouelmehdi, Abderrahim Beni-Hssane and Hayat KhaloufiPersistence Of The Data Access Path Of The Search Information Engine In Big Data ForThe Optimisation Of the Interrogation Process (ID 91)Said El Karimi, Loubna Cherrat and Mostafa Ezziyyani