

IL PROGETTO IBiSCo E LA TRANSIZIONE VERSO IL “CENTRO NAZIONALE DI RICERCA IN HIGH PERFORMANCE COMPUTING, BIG DATA E QUANTUM COMPUTING (ICSC)”

Thursday, 18 April 2024

Sessione mattutina: Descrizione Infrastrutture IBiSCo - Aula Caianiello Dipartimento di fisica edificio 6 (10:15 - 13:20)

-Conveners: Giorgio Pietro Maggi

time	[id] title	presenter
10:15	[1] C1-1 Il progetto IBiSCo	CARLINO, Gianpaolo
10:40	[2] C1-2 L'upgrade delle infrastrutture del DataCenter IBiSCo - Verso il Centro Nazionale @ INFN-NAPOLI	DORIA, Alessandra
11:00	[3] C1-3 Scientific Computing Facilities at LNF and INAF-OAR	VILUCCHI, Elisabetta
11:15	[4] C1-4 The IBiSCo infrastructure at INFN-CT	MONFORTE, Salvatore
11:35	[5] C1-5 The IBiSCo infrastructure at UNINA	RUSSO, Guido
11:50	[6] C1-6 Le infrastrutture impiantistiche del Data Center IBiSCo- ReCaS-Bari dopo l'upgrade di IBiSCo	DI BARI, Domenico
12:05	[7] C1-7 Le infrastrutture di calcolo, storage e rete per il Data Center IBiSCo-ReCaS-Bari dopo l'upgrade di IBiSCo	DONVITO, Giacinto
12:20	[8] C1-8 Le infrastrutture realizzate presso il CNR	CANTELE, Giovanni
12:35	[9] C1-9 Il Centro Nazionale ICSC	GRANDI, Claudio
13:00	[10] Questions & Answers	

Sessione mattutina: Pausa pranzo (buffet) (13:20 - 14:30)

Friday, 19 April 2024

Sessione mattutina: Prima sessione - Aula Caianiello Dipartimento di fisica edificio 6 (09:20 - 11:00)

-Conveners: Silvio Pardi

time	[id] title	presenter
09:20	[23] C3-1 Methods and algorithms for the massive processing of synthetic aperture radar interferometric satellite data	ZINNO, Ivana BONANO, Manuela
09:30	[24] C3-2 Computational fluid dynamics of complex multiphase systems through electrohydrodynamic effect (EHD) for microfluidic applications	FONTANAROSA, Giuseppe
09:40	[25] C3-3 Large scale molecular dynamics simulations of biomolecular systems in membrane environment	VITALE, Rosa Maria
09:50	[26] C3-4 Development and application of parallel CPU/GPU tools to extend the characterization of direct and solvent-mediated H- bond interactions in large structural protein databases	MASSUOLI, Michele AMODEO, Pietro
10:00	[27] C3-5 Contribution of the IBiSCo-ReCaS-Bari Data Center to the Italian National Smart Specialization Strategy	DI BARI, Domenico
10:10	[28] C3-6 The users of the IBiSCo-ReCaS-Bari data center and their support: organization and tools	NICOTRI, Stefano
10:20	[29] C3-7 Bari Cloud site evolution: Introducing the architecture and implementation of the upgraded IaaS infrastructure	ITALIANO, Alessandro
10:30	[30] C3-8 Delivering integrated high-level services at Bari IBiSCo-ReCaS site through the PaaS dashboard	PATANO, Mauro
10:40	[31] Questions & Answers	

Sessione mattutina: Cofee break - Aula Caianiello Dipartimento di fisica edificio 6 (11:00 - 11:30)

Sessione mattutina: Seconda sessione - Aula Caianiello Dipartimento di fisica edificio 6 (11:30 - 12:40)

-Conveners: Melania Paturzo

time	[id] title	presenter
11:30	[32] C3-9 GPU-based cluster at IBiSCo-ReCaS-Bari for containerized scientific applications	VINO, Gioacchino
11:40	[33] C3-10 High-performance computing in UAV photogrammetry	LA SALANDRA, Marco
11:50	[34] C3-11 Many-body quantum dynamics simulations with the IBiSCo resource	RUSSOMANNO, Angelo
12:00	[35] C3-12 Unlocking AI Capabilities: Advanced Applications through High-Performance Computing	IZZO, Stefano
12:10	[36] C3-13 Open Access repositories for scientific literature and research data	PIERGENTILI, Irene
12:20	[37] Questions & Answers	

Sessione mattutina: Pausa pranzo (buffet) - Aula Caianiello Dipartimento di fisica edificio 6 (12:40 - 13:40)