

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 pomeridiana: Prima sessione - Aula Caianiello Dipartimento di fisica edificio 6 (14:30 - 16:00)

-Conveners: Alessandra Doria

time	[id] title	presenter
14:30	[11] C2-1 High-performance computing in biological physics	NICODEMI, Mario
14:45	[12] C2-2 IBiSCo usage for the Belle II experiment	PARDI, Silvio
15:00	[13] C2-3 Progettazione, Implementazione e Validazione di una risorsa HPC eterogenea	CARRACCIUOLO, Luisa
15:15	[14] C2-4 Quantum hybrid algorithms for combinatorial optimization problems	VIZZUSO, Mara
15:30	[15] C2-5 The HPC IBiSCo seeds for INFN experiments workflow-based cluster	SPISSO, Bernardino
15:45	[16] Questions & Answers	

Sessione pomeridiana: Cofee break - Aula Caianiello Dipartimento di fisica edificio 6 (16:00 - 16:30)

Sessione pomeridiana: Seconda sessione - Aula Caianiello Dipartimento di fisica edificio 6 (16:30 - 17:50)

-Conveners: Giovanni Cantele

time	[id] title	presenter
16:30	[17] C2-6 The User Experience in IBiSCo Data Center	SABELLA, Gianluca
16:45	[18] C2-7 The Monitoring System in the IBiSCo Data Center	TORTORA, Augusto
16:55	[19] C2-8 Cloud Infrastructure and storage for IBiSCo at Napoli	DELLI VENERI, Michele
17:10	[20] C2-9 High-performance computing in astrophysics	BRESCIA, Massimo
17:20	[21] C2-10 Application of the IBiSCo Data Center for cultural heritage projects	CONTE, Stefania
17:30	[22] Questions & Answers	

Friday, 19 April 2024

Sessione pomeridiana: Sessione conclusiva - Aula Caianiello Dipartimento di fisica edificio 6 (13:40 - 15:00)

-Conveners: Giacinto Donvito

time	[id] title	presenter
13:40	[38] C3-14 Setting up an automated framework for bioinformatic and multiomic analyses on IBiSCo	MUTARELLI, Margherita
13:55	[39] C3-15 Development of a state of the art computational environment for handling human genetic data: the effort of ELIXIR-IT	LO GIUDICE, Claudio
14:10	[40] C3-16 Material science problems on IBiSCo	BARRECA, Valentina
14:25	[41] C3-17 Towards machine learning-based PDE identification for crowd dynamics	VIOLA, Gianmaria
14:40	[42] Conclusioni	CARLINO, Gianpaolo