

Situazione BG/Q Fermi

(convenzione INFN-CINECA)

- * convenzione attiva fino a Dicembre 2015
- * 100 ML core-hours/anno su BG/Q Fermi
- * assegnazioni alle IS valide dal 1/2/2014 al 31/1/2015

IS (vecchio nome)	IS (nuovo nome)	responsabile	ML core-hours
TO61	INF14_biophys	Nicodemi	3.0
PD32	INF14_fbs	Viviani	2.0
TV62	INF14 fldturb	Biferale	12.0
PI11	INF14_ftecp	Pelissetto	8.0
RM123	INF14_lqcd123	Simula	17.5
MB31	INF14_manybody	Pederiva	1.0
PI12	INF14_npqcd	D'Elia	18.0
MI11	INF14_qcdlat	Giusti	24.5
OG51	INF14_teongrav	De Pietri	14.0
			100.0

situazione consumo al 27/3/2014

% consumo atteso ~ 1/6 ~ 16%

IS	assegnate (ML)	consumate	consumate (%)	
INF14_biophys	3.0	1.559	0.1	
INF14_fbs	2.0	90.695	4.5	
INF14_fldturb	12.0	224.264	1.9	
INF14_ftecp	8.0	694.615	8.7	
INF14_lqcd123	17.5	2.921.737	16.7	O.K.
INF14_manybody	1.0	0	0	
INF14_npqcd	18.0	7.846.216	43.6	waw!
INF14_qcdlat	24.5	3.967.021	16.2	O.K.
INF14_teongrav	14.0	98.335	0.7	
	100.0	15.844.446	15.8	O.K.

Acks convenzione INFN-CINECA

“We acknowledge the CPU time provided by the agreement between INFN and CINECA under the specific initiative ... on the Fermi system at CINECA (Italy)”

.. or anything similar

* al momento (up to my knowledge) solamente 2 IS hanno effettuato acks

IS QC DLAT

1. \bibitem{Giusti:2013mxa}
L.~Giusti and M.~Pepe,
%`Measuring the entropy from shifted boundary conditions,"
arXiv:1311.1012 [hep-lat].
2. \bibitem{Giusti:2013sqa}
L.~Giusti and H.~B.~Meyer,
%`Thermal field theories and shifted boundary conditions,"
PoS LATTICE {\bf 2013} (2013) 214
[arXiv:1310.7818 [hep-lat]].
3. \bibitem{Engel:2013rwa}
G.~P.~Engel, L.~Giusti, S.~Lottini and R.~Sommer,
%`Chiral condensate from the Banks-Casher relation,"
arXiv:1309.4537 [hep-lat].

IS LQCD123

1. \bibitem{Carrasco:2014uya}
N.~Carrasco, M.~Ciuchini, P.~Dimopoulos, R.~Frezzotti, V.~Gimenez, V.~Lubicz, G.~C.~Rossi and F.~SanFilippo {\it et al.},
%`D-Dbar Mixing in the Standard Model and Beyond from $N_f=2$ Twisted Mass QCD,"
arXiv:1403.7302 [hep-lat].
2. \bibitem{Carrasco:2014cwa}
N.~Carrasco, A.~Deuzeman, P.~Dimopoulos, R.~Frezzotti, V.~Gimenez, G.~Herdoiza, P.~Lami and V.~Lubicz {\it et al.},
%`Up, down, strange and charm quark masses with $N_f = 2+1+1$ twisted mass lattice QCD,"
arXiv:1403.4504 [hep-lat].
3. \bibitem{Dimopoulos:2013qfa}
P.~Dimopoulos, R.~Frezzotti, P.~Lami, V.~Lubicz, E.~Picca, L.~Riggio, G.~C.~Rossi and F.~Sanfilippo {\it et al.},
%`Pseudoscalar decay constants f_{K/f_π} , f_{D_s} and $f_{D_s^*}$ with $N_f = 2 + 1 + 1$ ETMC configurations,"
arXiv:1311.3080 [hep-lat].
4. \bibitem{Carrasco:2013naa}
N.~Carrasco, P.~Dimopoulos, R.~Frezzotti, V.~Giménez, P.~Lami, V.~Lubicz, E.~Picca and L.~Riggio {\it et al.},
%`A $N_f = 2 + 1 + 1$ "twisted" determination of the B -quark mass, f_B and f_{B_s} ,"
arXiv:1311.2837 [hep-lat].
5. \bibitem{Carrasco:2013laa}
N.~Carrasco, P.~Dimopoulos, R.~Frezzotti, P.~Lami, V.~Lubicz, D.~Palao, E.~Picca and L.~Riggio {\it et al.},
%`A determination of the average up-down, strange and charm quark masses from $N_f=2+1+1$,"
arXiv:1311.2793 [hep-lat].
6. \bibitem{Carrasco:2013iba}
N.~Carrasco {\it et al.} [the ETM Collaboration],
%`B-physics computations from $N_f=2$ tmQCD,"
arXiv:1310.1851 [hep-lat].
7. \bibitem{Carrasco:2013zta}
N.~Carrasco {\it et al.} [ETM Collaboration],
%`B-physics from $N_f = 2$ tmQCD: the Standard Model and beyond,"
JHEP {\bf 1403} (2014) 016
[arXiv:1308.1851 [hep-lat]].
8. \bibitem{deDivitiis:2013xla}
G.~M.~de Divitiis {\it et al.} [RM123 Collaboration],
%`Leading isospin breaking effects on the lattice,"
Phys.\ Rev.\ D {\bf 87} (2013) 11, 114505
[arXiv:1303.4896 [hep-lat]].
9. \bibitem{Bertone:2012cu}
V.~Bertone {\it et al.} [ETM Collaboration],
%`Kaon Mixing Beyond the SM from $N_f=2$ tmQCD and model independent constraints from the UTA,"
JHEP {\bf 1303} (2013) 089 [Erratum-ibid.\ {\bf 1307} (2013) 143]
[arXiv:1207.1287 [hep-lat]].

inserimento collaboratori

- 1) a cura del responsabile IS
- 2) andare sul portale utenti del Cineca: <https://userdb.hpc.cineca.it>
- 3) effettuare il login
- 4) selezionare nel Menu “My projects” e scegliere il progetto
- 5) editare il progetto