STRONGnet 2012

PROGRAMME OF THE STRONGnet 2012 WORKSHOP

Institute for Theoretical Physics UAM/CSIC, Madrid, 15-19 October 2012

	Mon 15 — morning chair: C Pena	Tue 16 — morning chair: E Kerrane	Wed 17 — morning chair: M Schröck	Thu 18 — morning chair: D Hesse	Fri 19 — morning chair: A Gonzalez-Arroyo
10:00-11:00	**R Gupta** *Probing TeV scale physics in UCN decays and neutron electric dipole moment*	**A Parreño** *Hadronic interactions with Lattice QCD*	**C Schmitt** *Latest results from the LHC*	**G Colangelo** *FLAG phase 2: status and prospects*	**M Vozmediano** *QFT aspects of graphene*
11:00-11:30	**E Kerrane** *Targeting precision in lattice determinations of hadronic contributions to muonic g-2*	**E Endress** *Variance reduction techniques for a quantitative understanding of the Delta I = 1/2 rule*	**D Hesse** *Numerical stochastic perturbation theory in the Schrödinger Functional: Opportunities & Challenges*	**M Schröck** *Symmetries of hadrons after unbreaking the chiral symmetry*	**P Vilaseca** *Lattice artefacts in the Schrödinger Functional coupling for Strongly Interacting theories*
11:30-12:00	Coffee Break				
12:00-13:00	**S Schaefer** *The scaling of Hybrid Monte Carlo simulations*	**M Stephanov** *Hydrodynamic Noise and Bjorken Expansion*	**M Pepe** *Walking near a conformal fixed point*	**D Straub** *Flavour and the Pursuit of New Physics*	**M Della Morte** *Exponentially improving lattice computations of the glueball spectrum*
13:00-15:00	Lunch Break				

	Mon 15 — afternoon chair: E Endress	Tue 16 — afternoon chair: A Cooke	Wed 17 — afternoon chair: K Sivalingam	Thu 18 — afternoon chair: G Bali	Fri 19 — afternoon
15:00-16:00	**A Ramos** *Nucleon sigma terms and dark matter searches*	**H Neuberger** *Wilson loops in Large N QCD*	**N Tantalo** *Lattice calculation of isospin breaking corrections to hadronic observables*		Free
16:00-16:30	Coffee Break			**Panel Discussion**	
16:30-17:00	**L Castagnini** *Meson spectroscopy at large N*	**D Shcherbakov** *Symplectic and Time-reversible Projection Methods for Hamiltonian systems*	**R Gupta** COLLOQUIUM		
17:00-17:30	**K Sivalingam** *Determination of V_us from semi-leptonic K to pi decays*	**A Vaquero** *Disconnected contributions from GPUs*	*Navigating the global economic development, energy, environment and climate challenge*		