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# The 35th International Symposium on Lattice Field Theory

## Monday 19 June 2017

### Hadron Structure - Andalucía III (14:30-16:10)

- Conveners: Prof. Kuramashi, Yoshinobu

time	title	presenter
14:30	Isovector and Isoscalar charges of the nucleon	GUPTA, Rajan
14:50	Nucleon Axial and Electromagnetic Form Factors	JANG, Yong-Chull
15:10	Electromagnetic form factors and axial charge of the nucleon from $N_{\mathrm{f}} = 2 + 1$ Wilson fermions	VON HIPPEL, Georg
15:30	Connected and disconnected contributions to nucleon axial form factors using $N_{\mathrm{f}}=2$ twisted mass fermions at the physical point	HADJIYIANNAKOU, Kyriakos
15:50	Nucleon structure from 2+1 flavor lattice QCD near the physical point	TSUKAMOTO, Natsuki

### Hadron Structure - Andalucía III (16:40-18:00)

- Conveners: Dr. von Hippel, Georg

time	title	presenter
16:40	Nucleon structure from 2+1-flavor domain-wall QCD	OHTA, Shigemi
17:00	Nucleon radii and form factors at $Q^2=0$ using momentum derivatives	HASAN, Nesreen
17:20	Isospin breaking effects on nucleon structure from fully dynamical QCD+QED	ZANOTTI, James
17:40	Structure of the Nucleon and its Excitations	LEINWEBER, Derek

## Tuesday 20 June 2017

### Hadron Structure - Andalucía III (15:00-16:40)

- Conveners: Prof. Syritsyn, Sergey

time	title	presenter
15:00	Auxiliary field approach to extended operators for quasi-PDFs	GREEN, Jeremy
15:20	Finite continuum quasi distributions from lattice QCD	MONAHAN, Christopher
15:40	Parton distribution functions on the lattice and in the continuum	ORGINOS, Kostas
16:00	Nonperturbatively Renormalized Bjorken- $x$ Hadronic Distributions	LIN, Huey-Wen
16:20	Perturbative matching of continuum and lattice quasi-distributions	ISHIKAWA, Tomomi

### Hadron Structure - Andalucía III (17:10-19:10)

- Conveners: Dr. Green, Jeremy

time	title	presenter
17:10	Perturbative Renormalization of Wilson line operators	PANAGOPOULOS, Haralambos (Haris)
17:30	Progress in computing parton distribution functions from the quasi-PDF approach	CICHY, Krzysztof
17:50	Partonic structure from the Compton amplitude	YOUNG, Ross
18:10	Extracting the pion distribution amplitude from correlation functions in position space	WEIN, Philipp
18:30	Current matrix element in HAL QCD method	WATANABE, Kai
18:50	Bethe-Salpeter wave functions of $\eta_c(1S,2S)$ and $\psi(1S,2S)$ states: local-potential description of the charmonium system revisited	NOCHI, Kazuki

## Wednesday 21 June 2017

### Hadron Structure - Andalucía III (09:00-11:00)

- **Conveners: Izubuchi, Taku**

time	title	presenter
09:00	Computing nucleon EDM on a lattice	SYRITSYN, Sergey
09:20	Electric Dipole Moment Results from Lattice QCD	DRAGOS, Jack
09:40	Variance Reduction via Cluster Decomposition and nEDM with theta Term	LIU, Keh-Fei
10:00	Baryon magnetic moments: Symmetries and relations	TIBURZI, Brian
10:20	Magnetic moments of mesons in lattice Quantum Chromodynamics	ELENA, Luschevskaya
10:40	Charmed states and SU(3) flavour symmetry breaking	HORSLEY, Roger

### Hadron Structure - Andalucía III (11:30-13:30)

- **Conveners: Prof. Young, Ross**

time	title	presenter
11:30	Nucleon quark content with smeared clover fermions	HOELBLING, Christian
11:50	High precision determination of $\langle w_0 \rangle$	VARNHORST, Lukas
12:10	The spin content of the nucleon	BALI, Gunnar
12:30	Baryonic and mesonic 3-point functions with open spin indices	LÖFFLER, Marius
12:50	Nucleon average quark momentum fraction with $N_f=2+1$ Wilson fermions	OTTNAD, Konstantin
13:10	[free slot]	

## Thursday 22 June 2017

### Hadron Structure - Andalucía III (15:00-16:40)

- Conveners: Blum, Thomas

time	title	presenter
15:00	A lattice calculation of the hadronic vacuum polarization contribution to $(g-2)_{\mu}$	WITTIG, Hartmut
15:20	Lattice QCD results for the HVP contribution to the anomalous magnetic moments of leptons	MIURA, Kohtaroh
15:40	Hadronic vacuum polarization contribution to the muon $g-2$ from four flavors of highly-improved staggered quarks	VAN DE WATER, Ruth
16:00	ChPT loops for the lattice: pion mass and decay constant, HVP at finite and $n$ -oscillations	BIJNENS, Johan
16:20	Pion mass dependence of the HVP contribution to muon $g-2$	GOLTERMAN, Maarten

### Hadron Structure - Andalucía III (17:10-19:10)

- Conveners: Dr. Van de Water, Ruth

time	title	presenter
17:10	Lattice study of finite volume effect in HVP for muon $g-2$	SHINTANI, Eigo
17:30	Isospin Breaking Corrections to the HVP with Domain Wall Fermions	GUELPER, Vera
17:50	Numerical investigation of finite-volume effects for the HVP	HARRISON, James
18:10	Electromagnetic corrections to the hadronic vacuum polarization of the photon within QED <sub>L</sub> and QED <sub>M</sub>	BUSSONE, Andrea
18:30	HVP contributions to the muon $(g - 2)$ including QED corrections with twisted-mass fermions	SILVANO, Simula
18:50	Leading Isospin-Breaking Corrections to Meson Masses on the Lattice	GIUSTI, DAVIDE

## Friday 23 June 2017

### Hadron Structure - Andalucía III (15:00-16:40)

- Conveners: Prof. Davies, Christine

time	title	presenter
15:00	Electromagnetic pion form factor with strange quark mass reweighting > in $N_f=2+1$ lattice QCD	KAKAZU, Junpei
15:20	Light meson form factors at high $Q^2$ from lattice QCD	KOPONEN, Jonna
15:40	Exploratory study of pion light-cone wavefunction using OPE on the lattice	MONDAL, santanu
16:00	Second Order Electroweak Matrix Elements in Light Nuclei	DETMOLD, William
16:20	[free slot]	

### Hadron Structure - Andalucía III (17:10-19:10)

- Conveners: Prof. Wittig, Hartmut

time	title	presenter
17:10	Connected and leading disconnected hadronic light-by-light contribution to the muon anomalous magnetic moment with physical pion mass	BLUM, Thomas
17:30	Finite volume study for muon $g-2$ light-by-light contribution	IZUBUCHI, Taku
17:50	Exploratory lattice studies for the position-space approach to hadronic light-by-light scattering in the muon $g-2$	ASMUSSEN, Nils
18:10	Light-by-light forward scattering amplitudes in Lattice QCD	GERARDIN, Antoine
18:30	$\pi \pi \rightarrow \pi \gamma^*$ radiative transition from lattice QCD	LESKOVEC, Luka
18:50	[free slot]	