

QGT TOPICAL COLLABORATION MEETING: AGENDA
(Temple, September 2023)

FRIDAY, SEPTEMBER 8

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Room: Alter Hall 746 (except for parallel session at 17:00)

- 9:15 - 9:45 Opening (Martha Constantinou)
- 9:45 - 10:15 Overview/status of Theory Working Group (Feng Yuan)
- 10:15 - 10:45 Overview/status of Lattice Working Group
(David Richards)
- 10:45 - 11:15 Overview/status of Global Analysis/Phenomenology
Working Group (Ian Cloet)
- 11:15 - 11:45 Coffee Break
- 11:45 - 12:05 Milestone progress of Theory Working Group
(Ismail Zahed)
- 12:05 - 12:25 Milestone progress of Lattice Working Group
(Yong Zhao)
- 12:25 - 12:45 Milestone progress of Global Analysis/Phenomenology
Working Group (Nobuo Sato, Yuxun Guo)
- 12:45 - 13:10 Discussion
- 13:10 - 14:30 Lunch Break
- 14:30 - 14:45 LaMET for GPDs (Xiangdong Ji)
- 14:45 - 15:00 Leading power accuracy in lattice calculations
of parton distributions (Rui Zhang)
- 15:00 - 15:15 Progress in calculations of twist-3 GPDs from
lattice QCD (Joshua Miller)
- 15:15 - 15:30 Quasi-PDFs in the Covariant Parton Model (Fatma Aslan)
- 15:30 - 16:30 Business Meeting
- 16:30 - 17:00 Coffee Break

- 17:00 - 18:30 Working groups parallel session (all hands discussion)

Rooms: Wachman Hall 108 (Lattice), 109 (Pheno),
113 (Theory)

20:00 - 22:00 Workshop Dinner

SATURDAY, SEPTEMBER 9

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Room: Wachman Hall 108

- 9:30 - 9:45 Bridging the gap between hadronic spectroscopy and partonic observables, PDFs and GPDs (Edward Shuryak, remote)
- 9:45 - 10:00 The present state of phenomenology for collinear PDFs and applications for GPDs (Christopher Cocuzza)
- 10:00 - 10:15 Parameterization and extraction of GPDs from small to larger skewness (Yuxun Guo)
- 10:15 - 10:30 The energy-momentum tensor and the D-term in a classical model of the neutron (Andrea Meija)
- 10:30 - 10:45 Database for DVCS (Lillie Mohn)
- 10:45 - 11:00 Extraction of Compton form factors using a Generative Adversarial Network (Eric Moffat)
- 11:00 - 11:30 Coffee Break
- 11:30 - 11:45 Complementarity of lattice QCD and exclusive processes for GPDs (Herve Dutrieux)
- 11:45 - 12:00 Hadronic tensor in lattice QCD: applications to neutrino and hadronic physics (Raza Sufian)
- 12:00 - 12:15 Anomalies in GPDs (Shohini Bhattacharya)
- 12:15 - 12:30 Trace anomaly form factors of the pion and the nucleon from lattice QCD (Bigeng Wang)
- 12:30 - 13:00 Discussion and Closing