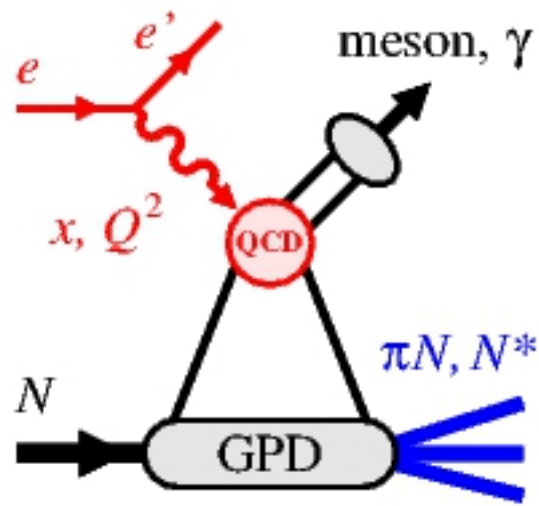


# ECT\*-APCTP Joint Workshop: Exploring resonance structure with transition GPDs



## Report of Contributions

Contribution ID: 1

Type: **not specified**

## Transition GPDs at J-PARC

*Wednesday, 23 August 2023 09:40 (40 minutes)*

**Presenter:** CHANG, Wen-Chen (Institute of Physics, Academia Sinica)

Contribution ID: 2

Type: **not specified**

## **Soliton approach to quark distribution functions**

*Tuesday, 22 August 2023 14:00 (40 minutes)*

**Presenter:** SON, Hyun-Dong (Korea University)

Contribution ID: 3

Type: **not specified**

## **Toward Lattice QCD calculations of GPDs**

*Tuesday, 22 August 2023 09:00 (40 minutes)*

**Presenter:** CONSTANTINO, Martha (Temple University)

Contribution ID: 4

Type: **not specified**

## **GPD program with hadronic beams**

*Wednesday, 23 August 2023 09:00 (40 minutes)*

**Presenter:** KUMANO, Shunzo (Japan Women's University / KEK)

Contribution ID: 5

Type: **not specified**

## **Evolution effects in GDPs**

*Monday, 21 August 2023 12:05 (40 minutes)*

**Presenter:** BERTONE, Valerio (IRFU)

Contribution ID: 7

Type: **not specified**

## **N-Delta transition GPDs**

*Thursday, 24 August 2023 09:00 (40 minutes)*

**Presenter:** KROLL, Peter (University of Wuppertal)

Contribution ID: 8

Type: **not specified**

## **Exclusive processes and resonance production with EIC far-forward detector**

*Thursday, 24 August 2023 16:50 (40 minutes)*

**Presenter:** JENTSCH, Alex (Brookhaven National Lab)



Contribution ID: 9

Type: **not specified**

## **e p -> e pi+ Delta0 un-polarized cross sections in JLAB Hall C**

*Thursday, 24 August 2023 10:50 (40 minutes)*

**Presenter:** USMAN, Ali (University of Regina)

Contribution ID: **10**

Type: **not specified**

## **Global GPD extraction and parametrisation**

*Monday, 21 August 2023 14:00 (40 minutes)*

**Presenter:** GUO, Yuxun (Maryland University)

Contribution ID: 11

Type: **not specified**

## **Theoretical description of the $N \rightarrow N^*$ DVCS process with transition GPDs**

*Monday, 21 August 2023 15:40 (40 minutes)*

**Presenter:** VANDERHAEGHEN, Marc (Mainz University)

Contribution ID: 12

Type: **not specified**

## **Theory of DVCS and DVMP analysis**

*Monday, 21 August 2023 10:00 (40 minutes)*

**Presenter:** LIUTI, Simonetta (University of Virginia)

Contribution ID: 13

Type: **not specified**

## **Tools and practice of GPD extraction**

*Monday, 21 August 2023 11:25 (40 minutes)*

**Presenter:** SZNAJDER, Pawel (NCBJ Warsaw)

Contribution ID: 14

Type: **not specified**

## **Theoretical studies of transition GPDs**

*Tuesday, 22 August 2023 11:30 (40 minutes)*

**Presenter:** SEMENOV-TIAN-SHANSKY, Kirill (Kyungpook National University)

Contribution ID: 15

Type: **not specified**

## **Experimental investigation of transition GPDs with CLAS12 at JLAB and future opportunities**

*Thursday, 24 August 2023 11:30 (40 minutes)*

**Presenter:** DIEHL, Stefan (JLU Giessen and UCONN)

Contribution ID: 16

Type: **not specified**

## **Klinematic twist-three corrections to pseudo- and quasi-GPDs and translation invariance**

*Tuesday, 22 August 2023 09:40 (40 minutes)*

**Presenter:** BRAUN, Vladimir (U. Regensburg)



Contribution ID: 17

Type: **not specified**

## **TCS measurements at JLAB and future perspectives**

*Wednesday, 23 August 2023 10:50 (40 minutes)*

**Presenter:** CHATAGNON, Pierre (Jefferson Laboratory)

Contribution ID: 18

Type: **not specified**

## **Measurement of diffractive dissociative J/psi production at ALICE**

*Thursday, 24 August 2023 16:10 (40 minutes)*

**Presenter:** WINN, Michael (CEA/Irfu Saclay)

Contribution ID: **19**

Type: **not specified**

## **Coupled-channel Analysis**

*Wednesday, 23 August 2023 14:10 (40 minutes)*

**Presenter:** ROENCHEN, Deborah (FZ Juelich)

Contribution ID: 20

Type: **not specified**

## **GPD measurements at LHC**

*Thursday, 24 August 2023 15:10 (40 minutes)*

**Presenter:** MCNULTY, Ronan (University College Dublin)

Contribution ID: 21

Type: **not specified**

## **DVCS measurements with CLAS12**

*Monday, 21 August 2023 14:40 (40 minutes)*

**Presenter:** JO, Hyon-Suk (Kyungpook National University)

Contribution ID: 23

Type: **not specified**

## **Exploring GPDs with deeply virtual $\rho^0$ and $\pi^0$ production at CLAS12**

*Thursday, 24 August 2023 09:40 (40 minutes)*

**Presenter:** KIM, Andrey (University of Connecticut)

Contribution ID: 24

Type: **not specified**

## **Introduction and plan of workshop**

*Monday, 21 August 2023 09:30 (30 minutes)*

**Presenter:** OF THE WORKSHOP, Organizers

Contribution ID: 25

Type: **not specified**

## **N\* physics with CLAS/CLAS12**

*Wednesday, 23 August 2023 13:30 (40 minutes)*

**Presenter:** JOO, Kyungseon (University of Connecticut (UConn), Storrs/US)



Contribution ID: 26

Type: **not specified**

## **QCD energy-momentum tensor in N -> Delta Transitions**

*Tuesday, 22 August 2023 15:50 (40 minutes)*

**Presenter:** KIM, Jun-Young (Jefferson Laboratory)

Contribution ID: 27

Type: **not specified**

## **Discussion: DVCS analysis and transition GPDs**

*Monday, 21 August 2023 16:35 (55 minutes)*

**Presenter:** PARTICIPANTS, all

Contribution ID: 28

Type: **not specified**

## **Discussion: Prospects of Lattice QCD calculations of GPDs**

*Tuesday, 22 August 2023 10:50 (40 minutes)*

**Presenter:** PARTICIPANTS, all

Contribution ID: 29

Type: **not specified**

## **Discussion: Properties and models of transition GPDs**

*Tuesday, 22 August 2023 16:30 (1h 30m)*

**Presenter:** PARTICIPANTS, all

Contribution ID: **30**

Type: **not specified**

## **Interaction / collaboration time**

*Wednesday, 23 August 2023 16:00 (2 hours)*

**Presenter:** PARTICIPANTS, all

Contribution ID: **31**

Type: **not specified**

## **Discussion**

*Wednesday, 23 August 2023 11:30 (30 minutes)*

**Presenter:** PARTICIPANTS, all

Contribution ID: 32

Type: **not specified**

## **Discussion: Transition GPDs in meson production**

*Thursday, 24 August 2023 12:10 (30 minutes)*

**Presenter:** PARTICIPANTS, all

Contribution ID: 33

Type: **not specified**

## **Discussion: GPDs in collider experiments**

*Thursday, 24 August 2023 17:30 (30 minutes)*

**Presenter:** PARTICIPANTS, all



Contribution ID: 34

Type: **not specified**

## **Discussion: Future program / White Paper (part 1)**

*Friday, 25 August 2023 09:00 (1h 30m)*

**Presenter:** ALL PARTICIPANTS, Organizers /

Contribution ID: 35

Type: **not specified**

## **Discussion: Future program / White Paper (part 2)**

*Friday, 25 August 2023 11:00 (1 hour)*

**Presenter:** ALL PARTICIPANTS, Organizers /

Contribution ID: **36**

Type: **not specified**

## **Closeout**

*Friday, 25 August 2023 12:00 (30 minutes)*

**Presenter:** OF THE WORKSHOP, Organizers

Contribution ID: 38

Type: **not specified**

## **Perspectives for the measurement of the $N \rightarrow N^*$ DVCS process with CLAS12**

*Monday, 21 August 2023 16:20 (15 minutes)*

**Presenter:** DIEHL, Stefan (Justus Liebig University Giessen and University of Connecticut)

Contribution ID: 39

Type: **not specified**

## **APCTP activities in nuclear and hadronic physics**

*Thursday, 24 August 2023 14:00 (30 minutes)*

**Presenter:** LEE, Chang-Hwan (Pusan National University)

Contribution ID: 40

Type: **not specified**

## **Discussion: N\* physics and transition GPDs**

*Wednesday, 23 August 2023 14:50 (40 minutes)*

**Presenter:** PARTICIPANTS, all

Contribution ID: 41

Type: **not specified**

## **QCD angular momentum in baryon transitions**

*Tuesday, 22 August 2023 14:40 (40 minutes)*

**Presenter:** WEISS, Christian (Jefferson Lab)

Contribution ID: 42

Type: **not specified**

## **GPDs and diffraction at HERA**

*Thursday, 24 August 2023 14:30 (40 minutes)*

**Presenter:** VAN HULSE, Charlotte (University of Alcala, Madrid Region, Spain)



Contribution ID: 43

Type: **not specified**

## **Welcome by the director of ECT\***

*Monday, 21 August 2023 11:10 (15 minutes)*

**Presenter:** AARTS, Gert (Swansea University and ECT\*)