

Workshop on hadron tomography at J-PARC and KEKB

January 6, 2017,

Seminar Hall, 4th Building 1F, KEK, Tsukuba, Japan

<http://research.kek.jp/group/hadron10/tomography-201701/>

Supported by KEK theory center, Graduate U for Advanced Studies (SOKENDAI),
Japan Society for the Promotion of Science (JSPS)

Organizers: Shunzo Kumano (KEK/J-PARC),
Makoto Takizawa (Showa Pharmaceutical Univ/KEK),
Kazuhiro Tanaka (Juntendo Univ/KEK)

January 6 (Friday)

9:30 - 12:00: Theory on GPDs

Chair: Shunzo Kumano (KEK/J-PARC)

Oleg Teryaev (Joint Institute for Nuclear Research)

Generalized parton distributions
in dilepton production

Kazuhiro Tanaka (Juntendo Univ/KEK)

Exclusive Drell-Yan process

Mark Strikman (Pennsylvania State University)

Possible GPD studies at J-PARC

12:00 - 13:00 lunch

13:00 - 15:00: GPDs and GDAs at J-PARC and KEKB

Chair: Shin'ya Sawada (KEK/J-PARC)

Hiroyuki Noumi (Osaka University/KEK)

Charmed-baryon experiment E50

Wen-Chen Chang (Academia Sinica)

Exclusive Drell-Yan experiment at J-PARC

Chair: Makoto Takizawa (Showa Pharmaceutical Univ/KEK)

Sadaharu Uehara (KEK)

Meson-pair production experiments at KEKB

Qin-Tao Song (Sokendai/KEK)

Generalized distribution amplitudes
in meson-pair production

15:00 - 15:30 coffee

15:30 - 18:00 3D structure functions at other experimental facilities

Chair: Kiyoshi Tanida (JAEA)

Jen-Chieh Peng (University of Illinois)

TMDs: Present and future

Itaru Nakagawa (Riken)

Transverse spin physics at RHIC

Genki Nukazuka (Yamagata University)

TMDs at COMPASS

Yoshiyuki Miyachi (Yamagata University)

3D structure functions

at HERMES & COMPASS

Yuji Goto (Riken)

GPDs and TMDs at Electron-Ion Collider

Participants: Wen-Chen Chang (Academia Sinica), Yuji Goto (Riken),
Yoshitaka Hatta (Kyoto University), Cungwen Kao (Chung Yuan Christian University),
Shunzo Kumano (KEK/J-PARC), Yoshiyuki Miyachi (Yamagata University),
Itaru Nakagawa (Riken), Hiroyuki Noumi (Osaka University/KEK),
Genki Nukazuka (Yamagata University), Jen-Chieh Peng (University of Illinois),
Shin'ya Sawada (KEK/J-PARC), Qin-Tao Song (Sokendai/KEK),
Mark Strikman (Pennsylvania State University),
Makoto Takizawa (Showa Pharmaceutical Univ/KEK),
Kazuhiro Tanaka (Juntendo Univ/KEK), Kiyoshi Tanida (JAEA),
Oleg Teryaev (Joint Institute for Nuclear Research), Sadaharu Uehara (KEK),
Masashi Wakamatsu (KEK)