



IWHSS17

Second bulletin

**XIV International Workshop on Hadron Structure
and Spectroscopy**

Cortona (Italy), 3 – 5 April 2017

COMPASS Collaboration Meeting

6 – 7 April 2017





XIV International Workshop on Hadron Structure and Spectroscopy Cortona (Italy), 2 - 5 April 2017

Place and Date.

An International Workshop on Hadron Structure and Spectroscopy (IWHSS17) will be held in Cortona (AR) Italy, from **April 3 to April 5, 2017** and will be followed by the COMPASS Collaboration Meeting from **April 6 to April 7**. The Workshop will be organized by INFN Torino, the Department of Physics of the Torino University and the Department of Science and Technology Innovation of the University of East Piedmont.

This is the 14th workshop in a series, started in Munich (1999).

The Workshop will take place at Centro Convegni Sant'Agostino via Guelfa, 40 – 52044 Cortona (AR) Italy
<http://www.cortonasviluppo.it/>

Scientific Programme

The workshop occurs when a community of physicists is exploring high-energy particle physics opportunities for fixed-target experiments at CERN beyond 2020 (CERN Long Shutdown 2 2019-2020). These discussions had already started with the “**COMPASS beyond 2020**” workshop in March 2016 and the “**Physics Beyond Colliders**” kick-off workshop organized by CERN in September 2016.

The physics discussed at the Workshop will mainly be related to the most recent results, open issues and short and long future programmes on Spectroscopy, Drell-Yan, DVCS and SIDIS, remaining open-minded to new possible programmes.

Physics Topics

- Longitudinal and Transverse Spin Structure of the Nucleon
- Fragmentation Functions
- Meson Spectroscopy
- Search for Glueballs, Hybrid Mesons and Multiquark States
- TMDs, GPDs and GTMDs
- New opportunities for physics beyond collider
- Cosmic rays and accelerator physics

International Advisory Committee

Mauro Anselmino	<i>INFN/Univ. Torino, Italy</i>	Takahiro Iwata	<i>Yamagata Univ., Japan</i>
Harut Avakian	<i>JLAB, VA/USA</i>	Bernhard Ketzer	<i>HISKP, Bonn, Germany</i>
Alessandro Bacchetta	<i>INFN/Univ. Pavia, Italy</i>	Fabienne Kunne	<i>CEA/IRFU Saclay, France</i>
Paula Bordalo	<i>LIP Lisbon, Portugal</i>	Gerhard Mallot	<i>CERN/Switzerland</i>
Franco Bradamante	<i>INFN/Univ. Trieste, Italy</i>	Wolf-Dieter Nowak	<i>Mainz Univ., Germany</i>
Michela Chiosso	<i>INFN/Univ. Torino, Italy</i>	Daniele Panziera	<i>INFN Torino/Uniupo, Italy</i>
Silvia DallaTorre	<i>INFN/Univ. Trieste, Italy</i>	Stephan Paul	<i>TU München, Germany</i>
Oleg Denisov	<i>INFN Torino, Italy</i>	Jen-Chieh Peng	<i>Univ. Illinois, U.S.A</i>
Nicole D'Hose	<i>CEA/IRFU Saclay, France</i>	Adam Szczepaniak	<i>JLAB, VA/USA</i>
Miroslav Finger	<i>Univ. Prague, Czech Repub.</i>	Andrzej Sandacz	<i>NCBJ, Warsaw, Poland</i>
Matthias Grosse Perdekamp	<i>Univ. Illinois, U.S.A</i>	Oleg Teryaev	<i>JINR, Dubna, Russia</i>





XIV International Workshop on Hadron Structure and Spectroscopy Cortona (Italy), 2 - 5 April 2017

Local Organizing Committee

M. Alekseev	<i>INFN/Univ. Torino, Italy</i>
A. Amoroso	<i>INFN/Univ. Torino, Italy</i>
M. Chiosso	<i>INFN/Univ. Torino, Italy</i>
R. Longo	<i>INFN/Univ. Torino, Italy</i>
D. Panzieri (Chair.)	<i>INFN/UniUpo Torino, Italy</i>
B. Parsamyan	<i>INFN/Univ. Torino, Italy</i>

General Information

All the information can be accessed online through the web page: <http://iwhss17.to.infn.it/>

or on:

 @IWHSS17

Participants from some countries will need a **visa** to enter Italy. For details, please see:

http://www.esteri.it/visti/index_eng.asp

Registration and Accommodation

People willing to participate should fill in the Registration Form on the web page of the workshop <http://iwhss17.to.infn.it/>

The registration and welcome party will take place on Sunday April 2, 2017 from 18:00 to 20:00 at the conference site.

For late arrivals, registration will be possible directly at the secretary conference desk during the workshop.

For the participants, a number of rooms in 3-4 stars hotels and B&B have been reserved. Please see the web page for details.

Workshop fee

*The Workshop fee is 350 €, (300 € for the students) if paid by January 31st, 2017 by bank transfer or credit card. For late registration (after January 31st 2017), the workshop fee is 400 € and can be paid by bank transfer or credit card at the registration desk upon arrival. All instructions about *how to pay* can be found on the Workshop web page: <http://iwhss17.to.infn.it/html/registration.html>.*

The fee includes the conference-kit, lunches for the three days of the IWHSS17 Workshop, coffee breaks for the five days, all the social events and access card to the Cortona MAEC museum <http://www.cortonamaec.org/>

The fee for the accompanying persons, including all social events and access card to the Cortona MAEC museum, is **100 €**.





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Scientific Program
List of Contributions

Orbital angular momentum and Wigner distribution /GTMDs	<i>Matthias Burkardt</i>
Spectroscopy: general introduction	<i>Adam Szczepaniak</i>
TMD factorization and evolutionA	<i>Alexey Prokudin</i>
GPD phenomenology	<i>Kresimir Kumericki</i>
Fixed target /new beam lines at CERN	<i>Johannes Bernhard</i>
Spectroscopy with kaons and pbar	<i>Stefan Wallner</i>
DY with kaons and pbar	<i>Vincent Andrieux</i>
Quarkonia OpportunitiesE	<i>Estia Eichten</i>
Talk on lattice	<i>Zoltan Fodor</i>
Heavy hadrons decays	<i>Antimo Palano</i>
Low-t reactions: pion and eta production in Primakoff reactions	<i>Bastian Kubis</i>
Opportunities with diffraction	<i>Krzysztof Golec-Beirnat</i>
Status of the art of the new generation of MPGD	<i>Cesare Bini</i>
GPU for online reconstruction	<i>Alessandro Lonardo</i>
DY: Most recent results and open issues	<i>Kenichi Nakano</i>
DY at COMPASS: recent results on TSAs	<i>Marcia Quaresma</i>
New ideas on DY	<i>Francois Arleo</i>
Overview of the future programs at JLAB and EIC	<i>Jianwei Qiu</i>
Exp. studies of GPDs in electroproduction: current status and future plans	<i>Maxime Defurne</i>
COMPASS recent GPD related results	<i>Mathias Gorzellik</i>
DVCS @ COMPASS: short future with pol. Target	<i>Nicole D'Hose</i>
SIDIS: Most recent results and open issues	<i>Giulio Sbrizzai</i>
Extraction of TMDs from data	<i>Oswaldo Gonzalez</i>
3D Nucleon Tomography and Extraction Methodology	<i>Harut Avakian</i>

The detailed timetable of the workshop can be found here: <http://iwhss17.to.infn.it/>





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Transports

On **Sunday April 2** and **April Friday 7** we have foreseen a shuttle bus service from the **airports of Firenze and Roma** and back:

	Departure	Arrival
Sunday April 2		
Roma Airport → Cortona	16:00	18:30
Firenze Airport → Cortona	17:30	19:00
Friday April 7		
Cortona → Rome Airport	14:00	16:30
Cortona → Florence Airport	14:00	15:30

Pickup locations are:

Rome Fiumicino Airport at the passenger exit of the Arrivals level of Terminal 3 (T3) at 16:00

Florence Airport at the passenger exit at 17:30

Please **inform the organizers** by email if you intend to use this service: iwhss17@to.infn.it
Some members of the LOC will be present to help you find the bus.

In addition, on **Sunday April 2** from 14:00 we have foreseen a shuttle taxi service from **Camucia -Cortona station**. The service starts on arrival of the trains from Florence or Rome. Please note that if you arrive by train you should **get off at Camucia-Cortona** and *not* at Terontola - Cortona station.

Please refer to the webpage <http://iwhss17.to.infn.it> for more details about transport to and from Cortona.


Network Access

An Internet wi-fi connection is available at the conference site free of charge.

Social Programme

Sunday April 2, 18:00 - 20:00	Welcome party at the Workshop site
Monday April 3, 18:30	Wine tasting at the Workshop site
Tuesday April 4, 20:00	Workshop dinner at Restaurant Tonino
Wednesday April 5, 14:30	Excursion to Assisi and guided tour of the <i>Basilica di San Francesco</i>





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Contact

For any questions or comments, please send an e-mail to the following address:

iwhss17@to.infn.it

or contact:

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Important dates

Welcome and registration:	April Sunday 2 nd , 2017
Beginning of the meeting:	April Monday 3 rd , 2017
End of the meeting:	April Friday 5 th , 2017

