



MUSEO
STORICO DELLA FISICA
E
CENTRO
STUDI E RICERCHE
ENRICO FERMI



Guido Altarelli Award 2023

The Guido Altarelli Award honors the memory of the late Guido Altarelli, one of the founding fathers of QCD, an outstanding communicator of particle physics, and a mentor and strong supporter of Junior Scientists.

Some History

First IAC

Guido Altarelli

John Dainton

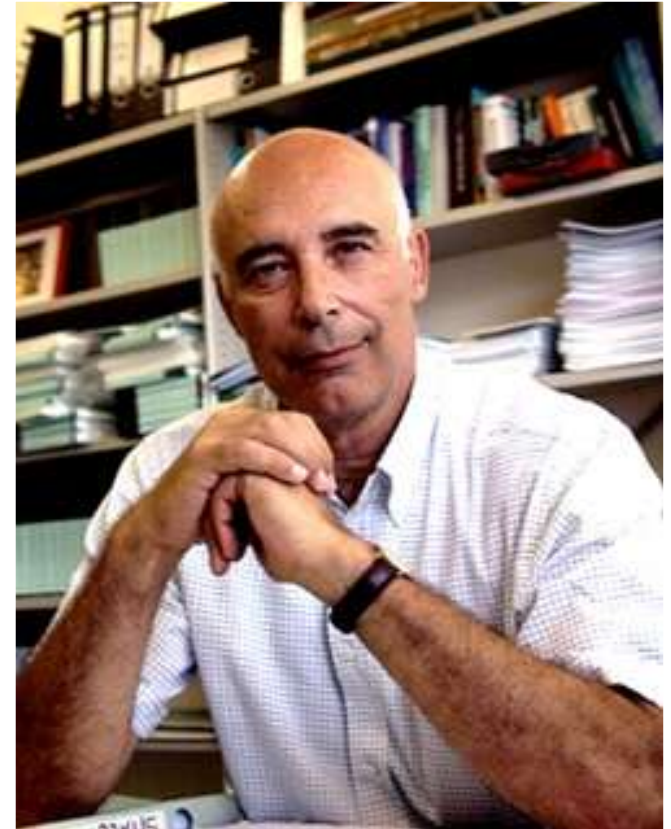
Joel Feltesse

Aharon Levy

Lev Lipatov

James Stirling

Gunter Wolf



Some History ... *first hand*

Professor Giorgio Parisi

... among his best known contributions are the QCD evolution equations for parton densities, obtained with Guido Altarelli, known as the Altarelli–Parisi or DGLAP equations

wiki

Professor Parisi shown here with this 2021 Nobel Prize in Physics

"for the discovery of the interplay of disorder and fluctuations in physical systems from atomic to planetary scales"



Award History

Previous prize winners

Year	Theory winner	Experimental physics winner	Link to DIS page and indico
<u>2022</u>	Bernhard Mistlberger	Adi Ashkenazi	<u>DIS2022 Santiago de Compostela (Spain)</u>
<u>2021</u>	Eleni Vryonidou	Benjamin Nachman	<u>DIS2021 online</u>
<u>2020</u>	Pier Francesco Monni	Philip Ilten	DIS2020
<u>2019</u>	Jonathan Gaunt	Josh Bendavid	<u>DIS2019 Torino (Italy)</u>
<u>2018</u>	Jun Gao	Or Hen	<u>DIS2018 Kobe (Japan)</u>
<u>2017</u>	Maria Ubiali	Paolo Gunnellini	<u>DIS2017 Birmingham (UK)</u>
<u>2016</u>	Fabrizio Caola	Jan Kretschmar	<u>DIS2016 Hamburg (Germany)</u>

See the webpage at:

<https://www.desy.de/~gallo/AltarelliAward/>

Guido Altarelli Award 2023



MUSEO
STORICO DELLA FISICA
E
CENTRO
STUDI E RICERCHE
ENRICO FERMI



- Thanks to our sponsors: Centro Fermi, World Scientific, Springer EPJ
- Thanks to all of you who nominated candidates.
This year we had impressive applications and difficult deliberations.
- The selection committee in 2023 was: Rolf Ent (JLAB),
Elisabetta Gallo (deputy-chair, DESY and University of Hamburg),
Aharon Levy (Tel Aviv, co-chair of DIS), Fred Olness (chair, SMU),
Juan Terron (UAM), Yuji Yamazaki (Kobe), Maria Ubiali (Cambridge)

Adinda de Wit

2017 Ph.D. Imperial College London
Searches for new Higgs bosons with the CMS detector

2017-20: CMS Postdoctoral researcher, DESY

2020-present: CMS Postdoctoral researcher,
Universität Zürich

Co-convener of the CMS Higgs physics analysis group

Past co-convener of the CMS Higgs combination and
properties group





MUSEO
STORICO DELLA FISICA
E
CENTRO
STUDI E RICERCHE
ENRICO FERMI



Guido Altarelli Award 2023

awarded to

Adinda de Wit

for outstanding achievements in understanding
the nature of the Higgs boson, including precision studies
of the quark couplings and decay channels

Prof. Luciano Pietronero
(President Centro Fermi)

Dr. Christian Caron
(Springer Executive Editor)

Prof. K.K. Puha
(Chairman, WS Publishing)

Prof. Aharon Levy & Paul R. Newman
(Chairs IAC of DIS2023)

Yong Zhao

2015: Ph.D., University of Maryland
2015-16: Research Affiliate, LBNL
2016-19: Postdoctoral Associate, MIT
2019-21: Postdoctoral Associate, BNL
2021-present: Assistant Physicist,
Argonne National Laboratory
2022 Kenneth G. Wilson Award
for Excellence in Lattice Field Theory





MUSEO
STORICO DELLA FISICA
E
CENTRO
STUDI E RICERCHE
ENRICO FERMI



Guido Altarelli Award 2023

awarded to

Yong Zhao

for fundamental contributions to ab initio calculations
of parton distributions in lattice QCD

Prof. Luciano Pietronero
(President Centro Fermi)

Dr. Christian Caron
(Springer Executive Editor)

Prof. K.K. Puha
(Chairman, WS Publishing)

Prof. Aharon Levy & Paul R. Newman
(Chairs IAC of DIS2023)

Guido Altarelli Award 2023

**Congratulations
&
thank you to our sponsors**



MUSEO
STORICO DELLA FISICA
E
CENTRO
STUDI E RICERCHE
ENRICO FERMI

