19TH INTERNATIONAL CONFERENCE ON HADRON SPECTROSCOPY AND STRUCTURE IN MEMORIAM SIMON EIDELMAN

(HADRON2021)

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TABLE I: Presentations, contributions to the conference proceedings and conveners by session.

Session	Presentations	Proceedings	Conveners
Plenary	23	10	LOC & IAC
Meson spectroscopy	36	12	Volker Crede, Vincent Mathieu, Sasa Prelovsek, Sinead Ryan
Baryon spectroscopy	28	10	Li-Sheng Geng, Deborah Rönchen, Ulrike Thoma
Exotic hadrons and candidates	37	13	Eric Braaten, Bernhard Ketzer, Xiao-Rui Lyu, Alessandro Pilloni
Hadron decays, production, and interactions	35	18	Igor Danilkin, Patricia Magalhães, Sebastian Neubert
Analysis tools	20	10	Alberto Correa dos Reis, Maxim Mai, Marco Pappagallo
QCD and hadron structure	70	41	Cristina Aguilar, Carlota Andrés, Martin Hentschinski, Charlotte van Hulse
Hadrons in hot and nuclear environment including hypernuclei	43	15	Miguel Ángel Escobedo, Luis A. Hernández, Laura Tolós
Total	292	129	

Preface

The 19th International Conference on Hadron Spectroscopy and Structure in memoriam Simon Eidelman (HADRON 2021) was held virtually from July 26 to 31, 2021 hosted by Universidad Nacional Autónoma de México [1]. Due to the COVID pandemic it was pondered either to delay the conference or to hold the event virtually. The last option was chosen because it was not clear when the pandemic would end and the associated travel restrictions would be lifted. Both the Local Organizing Committee (Table I) and the IAC (Table I) considered in the best interest of the community to hold the conference virtually and provide the best possible avenue for researchers to showcase their latest achievements, specially those early in their careers.

The Conference was dedicated to Simon Eidelman (1948-2021). Simon participated actively in the past HADRON conferences —he can be seen in figures during the 2019 edition celebrated in Guilin (China). Simon was a beloved member of the hadron physics community and the International Advisory Committee of this conference. He encouraged and supported young researchers, and his scientific contributions to the field were numerous, important, and will have a lasting impact in future generations. He will be deeply missed.

Simon Eidelman in HADRON2019 conference celebrated in Guilin (China). We thank Feng-Kun Guo for providing these pictures.

The conference had 528 registered participants, 292 presentations and four round tables. Besides the plenary talks and the round tables, the conference was organized in seven parallel sessions (See Table I), namely: Meson spectroscopy (14% of talks given in the parallel sessions); Baryon spectroscopy (10%); Exotic hadrons and candidates (14%); Hadron decays, production, and interactions (13%); Analysis tools (7%); QCD and Hadron Structure (26%); and Hadrons in hot and nuclear environment including hypernuclei (16%). This volume of Suplemento de la Revista Mexicana de Física contains 129 contributions to the conference proceedings. Most of the slides of the presentations can be found in the Indico of the conference [2].

The event that an international conference such as the HADRON series represents to Mexico led us to think about our impact on diversity matters. While only 17% of the plenary contributions were given by female colleagues,[1] 37.5% of our conveners were female against 19% for the panelists and moderators of the round tables. The registered participants were from 35 countries. Those numbers are representative of closing the gap to equal opportunity both by proposing on-line presentations and by choosing committees that are sensible to various aspects of diversity, equity and inclusion. Socioeconomic and ethnic diversities are encountered in most levels of education in Mexican institutions. The latter are also subject to ever-changing policies on the dissemination of knowledge.

We thank the members of the International Advisory Committee for their support and advice during the organization of the conference and their contribution to the selection of invited plenary speakers, the conveners of the different sessions for their hard work and dedication setting up the program of each session, and the supporting institutions: CINVESTAV, Division of Nuclear Physics (DFN) and Division of Particles and Fields (DPYC) of the Mexican Physical Society (SMF), Instituto de Ciencias Nucleares (ICN) and Instituto de Física (IF) of Universidad Nacional Autónoma de

[1] Those numbers are found analyzing the first name of the speakers.

México (UNAM), Mesoamerican Centre for Theoretical Physics (MCTP), Universidad Autónoma de San Luis Potosí (UASLP), Universidad Autónoma Metropolitana (UAM), Universidad Michoacana San Nicolás de Hidalgo (UMSNH), and Universidad de Sonora (UNISON). Finally, we thank the hadron physics community as a whole for their support and their participation in these hard times. We hope you enjoyed and found the conference interesting. See you in HADRON2023!

[1] Webpage: `https://www.nucleares.unam.mx/hadron2021`.

[2] Indico: `https://indico.nucleares.unam.mx/event/1541/`.