

4th JAGIELLONIAN SYMPOSIUM ON

Advances in Particle Physics and Medicine

Kraków, Poland, 10-15 June, 2022

Organized by:

Jagiellonian University

BARTOSZ LESZCZYŃSKI, SUSHIL SHARMA

MAGDALENA SKURZOK

Editors of the Proceedings

ORGANIZING COMMITTEE

Paweł Moskal Chair, Jagiellonian University, Poland
Ewa Stępień Chair, Jagiellonian University, Poland
Bartosz Leszczyński Scientific Secretary, Jagiellonian University, Poland
Magdalena Skurzok Scientific Secretary, Jagiellonian University, Poland
Aleksander Gajos Jagiellonian University, Poland
Damian Gil Jagiellonian University, Poland
Łukasz Kapłon Jagiellonian University, Poland
Ewelina Kubicz-Staszkievicz Jagiellonian University, Poland
Sushil Sharma Jagiellonian University, Poland
Szymon Niedźwiecki Jagiellonian University, Poland

SCIENTIFIC ADVISORY COMMITTEE

Ramsey Badawi University of California Davis, USA
Steven Bass Kitzbühel Centre for Physics, Austria
Aleksander Bilewicz Institute of Nuclear Chemistry and Technology, Poland
Tuba Conka Turkish-German University, Turkey
Pragya Das Indian Institute of Technology Bombay, India
Satoru Hirenzaki Nara Women's University, Japan
Takatsugu Ishikawa Tohoku University, Japan
Bożena Jasińska Maria Curie-Skłodowska University, Poland
Igor Kadenko Taras Shevchenko National University of Kyiv, Ukraine
Neelima Kelkar Los Andes University, Bogota, Colombia
Renata Kopeć Cyclotron Centre Bronowice, Poland
Karol Lang University of Texas at Austin, USA
Stan Majewski UC Davis, USA
Marek Nowakowski Los Andes University, Bogota, Colombia
Pradeep Kumar Pujari Bhabha Atomic Research Center, India
Goran Ristic University of Nis, Serbia
Sushil Sharma Jagiellonian University, Poland
Hideki Tomita Nagoya University, Japan
Wojciech Wiślicki National Centre of Nuclear Research, Poland

Sponsored by:

Hamamatsu Photonics

Cyto-Logic

MEDianus

Gmina Miejska Kraków

w ramach programu Krakowskie Konferencje Naukowe

Faculty of Physics, Astronomy and Applied Computer Science
Jagiellonian University

We acknowledge support by:

Foundation for Polish Science through

The TEAM POIR.04.04.00-00-4204/17 programme

National Science Centre of Poland through grants: 2019/33/B/NZ3/01004,
2019/35/B/ST2/03562, 2021/42/A/ST2/00423, and 2021/43/B/ST2/02150

SciMat and qLife Priority Research Areas budget under the program
Excellence Initiative — Research University at the Jagiellonian University