

## PREFACE

This is the 13<sup>th</sup> edition in a series of workshops that had been previously organised in Poland (2009 and 2020), Slovakia (2010 and 2015), France (2011), Portugal (2012, 2016, and 2017), Bosnia and Herzegovina (2013 and 2014), Serbia (2018), and Austria (2019). In the year 2022, the workshop goes to the beautiful and historical Mediterranean island of Sicily, Italy — in Giardini Naxos — topped by the mythical Etna volcano. The workshop covers diverse aspects of QCD:

- QCD at low energies: excited hadrons, new resonances, glueballs, multi-quarks;
- QCD at high temperatures and large densities: heavy-ion collisions, jets, diffraction, hadronisation, quark–gluon plasma, holography, colour-glass condensate, compact stars, applications to astrophysics.

Emphasis is placed on new developments in theory as well as the current experimental status. Scientific atmosphere, various discussions about different topics in QCD, active participation of many young researchers and a nice environment have been the main characteristics of the previous editions and also represented the goals for the new edition. The talks are all plenary, 20' long separated by 10' for discussions and with a coffee break of 30' every three or four talks for more discussions. An extended lunch break allows for longer discussions and for inspiring open-air activities.

We are grateful for the support of our sponsors.

Finally, we want to apologize to fellow colleagues who attended this conference, but have been denied publication of their proceedings.

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*Robert Kamiński*  
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