# ADVCOMP 2021

# Forward

The Fifteenth International Conference on Advanced Engineering Computing and Applications in Sciences (ADVCOMP 2021) continued a series of events on fundamentals of advanced scientific computing and specific mechanisms and algorithms for particular sciences. The conference contributions presenting novel research in all aspects of new scientific methods for computing and hybrid methods for computing optimization, as well as advanced algorithms and computational procedures, software and hardware solutions dealing with specific domains of science.

With the advent of high-performance computing environments, virtualization, distributed and parallel computing, as well as the increasing memory, storage and computational power, processing particularly complex scientific applications and voluminous data is more affordable. With the current computing software, hardware and distributed platforms effective use of advanced computing techniques, this becomes more achievable.

We take here the opportunity to warmly thank all the members of the ADVCOMP 2021 technical program committee, as well as all the reviewers. The creation of such a high-quality conference program would not have been possible without their involvement. We also kindly thank all the authors who dedicated much of their time and effort to contribute to ADVCOMP 2021. We truly believe that, thanks to all these efforts, the final conference program consisted of top-quality contributions. We also thank the members of the ADVCOMP 2021 organizing committee for their help in handling the logistics of this event.

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