



## Editor's Preface

In this Volume are published the papers of the IX All-Russian scientific Conference with international participation on Continuum Mechanics and Celestial Mechanics – CICMCM'2019 held in Tomsk (Russia) November 18-20, 2019. The current event is the annual pre-anniversary meeting in the field of continuum mechanics and celestial mechanics at the Tomsk State University. This time the conference was attended by more than 100 scientific groups from Moscow, St. Petersburg, Nizhny Novgorod, Saratov, Tomsk, Birobidzhan, Izhevsk, Novosibirsk, Kaliningrad and other cities.

The conference was organized by the Physical and Engineering Faculty and Research Institute Applied Mathematics and Mechanics at Tomsk State University (RIAMM) engaged in research in these particular areas. A lot of the scientific results were obtained using domestic non-commercial software packages and experimental facilities. Almost every third report is supported by various scientific Foundations, including the Russian Foundation for Basic Research (RFBR) and the Russian Science Foundation (RSN). Centers for Collective Use, including supercomputer Skyf-Cyberia are increasingly being used by many authors.

Current volume contains 25 articles and is already the third it published in IOP Publishing. Articles of other participants will be published in scientific journal *Works of Tomsk State University. Physics and Mathematical Series*. The edition is available in open access and indexed Russian Science Citation Index. I would very much like for the scientific research published in the volume to receive an impetus for development by conducting joint work in the framework of the European and Russian scientific Foundations.

Special thanks to members of the international program committee for providing a potential opportunity for young scientists from Russia to participate in international contests.

I also thank all the conference participants, reviewers and members of the organizing committee for the successful organization of the event.

I am very grateful to the session's chairs for organizing the oral and poster sessions, important comments and discussion.

See you in November 2020 in Tomsk State University at our anniversary event.

Follow all the news on the conference website: <http://cimcm.tsu.ru>

## Conference Chair, Editor-in-Chief

Maxim Yu. Orlov

