

# 13<sup>th</sup> National Congress on Theoretical and Applied Mechanics Institute of Mechanics – Bulgarian Academy of Sciences 6<sup>th</sup> – 10<sup>th</sup> September 2017, Sofia, Bulgaria

Since its inception in 1969, the quadrennial National Congress of Theoretical and Applied Mechanics has become major scientific event, gathering Bulgarian and foreign scientists and engineers from academia and industry.

The Thirteenth Congress in this series fulfilled its main goal – continuing the traditions of the previous twelve congresses – to present the latest results in all areas of mechanics.

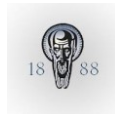
The Congress provided opportunities to around 100 Bulgarian and over 40 foreign scientists from Europe, Asia and North and South America to popularize their scientific results, share new ideas, discuss their current research, and lay the foundations for future cooperation.

More than 150 reports were presented in five main thematic areas: General Mechanics, Solid Mechanics, Fluid Mechanics, Biomechanics, Non-Destructive Testing and seven mini-symposia: Multiphase Flows in Science and Engineering; Mechatronics; Scientific Session of the Bulgarian Section of GAMM; Biofluids Modeling; Numerical Simulations and Application in Medicine; Computational Modeling of Arterial Aneurysms in Humans; Biodynamics and Biorheology; Constitutive and Numerical Modeling in Soil Mechanics.

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