



Mechanics of the 21st Century Proceedings of the 21st International Congress of Theoretical and Applied Mechanics, Warsaw, Poland, 15-21 August 2004

By -

Springer. Hardcover. Condition: New. 422 pages. Dimensions: 9.5in. x 6.4in. x 1.0in. The 21st International Congress of Theoretical and Applied Mechanics (ICTAM04) took place August 15-21, 2004, in Warsaw, Poland. It was organized by Polish National Committee of IUTAM, Institute of Fundamental Technological Research of the Polish Academy of Sciences (IPPT PAN) and Warsaw University of Technology. The Congress venue was the main building of Warsaw University of Technology. The idea of congresses devoted to mechanics can be traced back to a conference on problems of fluid mechanics in Innsbruck, 1922. It was organized by four individuals, whose names, and will, remain very well known to next generations of scientists, C. W. Oseen, T. Levi-Civita, T. von Kármán, and L. Prandtl. This conference was so fruitful that the organizers decided to arrange similar meetings in the future, every four years, and to extend the scope of the future meetings to include solid mechanics. Hence a series of meetings started eighty years ago with the 1st ICTAM held in Delft, Netherlands. From the meetings of the Congress Committee sprang the idea of a more permanent organization to look out for the world interests in the mechanical sciences. Thus, IUTAM, the International Union of Theoretical and Applied Mechanics, was formed on September 26, 1946. In 1947 IUTAM became a member of ICSU, the International Council of Scientific Unions, itself founded in 1931....



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