



materials



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Advances in Mechanical Testing of Engineering Materials

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Message from the Guest Editors

Currently, both the industry and the scientific community participate to a greater or lesser extent in the fourth industrial revolution codenamed Industry 4.0. The implemented idea is based on broadly understood information and its use in cyber-physical systems. Data is processed with the help of artificial intelligence and using various algorithms belonging to the 'big data mining' techniques. However, such systems would not exist without mechanical objects and information about their functioning. These objects take on more and more advanced forms, so in such a situation it becomes necessary to obtain reliable information about the material, and, in particular, its current state. The introduction of new diagnostic-oriented information on materials and technological processes to new systems seems to be an indispensable step that will keep pace with the emerging modern technical facilities. This Special Issue will be a necessary supplement and exchange of experience and achievements in acquiring new information on both classic and modern materials used in recent mechanical engineering.



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Special Issue



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Message from the Editor-in-Chief

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