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# *Central European Researchers Journal*



## A WORD OF WELCOME FROM THE EDITORS

Dear Colleagues, Readers and Authors,

We are pleased to present the year-end issue of our journal, bringing you the latest trends, research and achievements in the field of technical cybernetics. In this special issue, we bring you a diverse selection of articles that reflect the advances and innovative projects in this dynamic field.

Among the most interesting contributions is an article on measuring kinetic energy from wind-induced tree movement, which demonstrates the potential of renewable energy sources. Another important project is the use of artificial intelligence in the measurement and processing of muscle signals, which opens up new possibilities in biomedical engineering. You will also be interested in the analysis of the sustainability of the 3D printing lab's operations, which shows how modern technologies can be greener and more efficient.

This issue also highlights the active involvement of students in several projects, underlining their important role in research and development. Their contribution is particularly visible in the innovative solutions that not only develop their professional skills but also contribute to the advancement of the entire field.

The vision of this journal is to provide information that is not only valuable but also beneficial to all those interested in advances in cybernetics. We hope that this issue will provide you with a rich source of knowledge and new perspectives. If you have suggestions, comments, or ideas for improvement, we cordially invite you to share them with us.

I wish you a pleasant reading and many inspiring insights!

Sincerely,

*The Editorial Team*

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**Address of the editorial office:** Central European Researchers Journal - editorial, Faculty of Management Science and Informatics, University of Zilina, Univerzita 8215/1, 01026, Zilina, Slovakia, [editorial@ceres-journal.eu](mailto:editorial@ceres-journal.eu)

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