

A word from our Editor-in-Chief

The community of researchers in the field of nonconventional technologies and related topics is now in between the fondly remembered 2024 ICNcT Conference in Bucharest and the exciting upcoming 2025 ICNcT Conference in Timișoara. As papers from 2024 are still being published, the Nonconventional Technologies Review maintains its commitment to high quality research that can contribute to the overall competitiveness and innovativeness of the manufacturing sector in Romania and internationally. The four issues to be published this year represent a showcase of the preoccupations, capabilities and results obtained in the area of manufacturing technologies, while also integrating emerging technologies such as artificial intelligence, digital twins and additive manufacturing. A special mention should be given to the AI solutions that are developing extremely fast and have the capability to infuse all sectors, including our own, with a new wave of creativity and original problem-solving approaches under conditions of extreme performance with respect to time and necessary means.

With complex internal and international issues affecting the economy, it is difficult to predict how this ongoing transformation will continue. However, the research centres and teams working both on the classical topics of increasing efficiency, productivity, quality and resource consumption, or the growing ones related to making production processes more human centred, more sustainable and more digital, are continuously contributing to the scientific advancement of the field. Important interdisciplinary connections with technology transfer and intellectual property rights, as well as process and project management, have the potential to speed up the transposition of the technical contributions into real companies, for the benefit of their customers and all stakeholders.

We would like to conclude this short editorial by expressing our support for the nonconventional technologies researchers and assuring them that the journal Nonconventional Technologies Review is committed to delivering excellence in its editorial and publishing activities. Also, we wish you a fruitful and productive summer period so that our conference in the fall will allow us to celebrate each other's results.

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