

# COLLABORATIVE PATHS IN APPLIED ENGINEERING SCIENCE

prepared by



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Dear Readers,

As an international platform dedicated to the dissemination of research findings in applied engineering sciences, the Journal of Applied Engineering Science (JAES) places particular value on initiatives that contribute to the development of sustainable technologies, energy efficiency, and interdisciplinary research. In this context, JAES proudly supports two significant scientific conferences in 2025:

## **PCC Balkan Conference and YOURS – YOUNg ResearcherS Conference**

The PCC Balkan Conference 2025, organized under the theme "Low-Carbon Hydrogen Potentials in the Implementation of Sustainable Transport Solutions", continues its long-standing tradition of gathering experts in automotive engineering, vehicle dynamics, traffic safety, materials, and maintenance. This year's focus on hydrogen aligns with global energy transition trends and JAES's scope, particularly regarding renewable energy applications and intelligent transportation systems. The inclusion of topics such as tire technology, thermal and pressure control devices, waste rubber handling, and conformity assessment demonstrates the conference's comprehensive approach to engineering challenges in the transport and mobility sector.

Equally significant is the YOURS – YOUNg ResearcherS Conference 2025, which serves as a dynamic platform for empowering young scientists under the age of 35. By promoting knowledge exchange between emerging researchers and representatives from academia, industry, and government, the conference facilitates the transformation of innovative ideas into viable projects. With sessions focused on technologies, materials, production processes, information systems, maintenance, and cost analysis, YOURS directly contributes to the JAES mission of fostering multidisciplinary dialogue and supporting research with practical application potential.

Both conferences offer rigorously reviewed papers, high-quality discussions, and opportunities for future collaboration. As the scientific community strives to respond to global challenges through innovation and engineering excellence, initiatives like PCC and YOURS represent vital pillars for sustainable development and technological progress.

JAES encourages the continuation and expansion of such events and looks forward to future contributions inspired by the findings and discussions emerging from these outstanding gatherings.