P18 - Advanced Technologies: Transforming Businesses and Society for Diverse Goals

7. CHALLENGE-DRIVEN AND RESPONSIBLE INNOVATION

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Track summary: This special track underscores the pivotal role of advanced technologies in shaping economic growth and societal evolution. Technologies such as artificial intelligence, machine learning, additive manufacturing, augmented and virtual reality, digital biology, nanotechnologies, robotics, and autonomous vehicles, among others, are continuously expanding and transforming the landscape (Haenlein & Kaplan, 2021).

These advancements have brought many competitive advantages for businesses (Arifin, 2019; Denning, 2022). This special track places a distinct focus on the societal dimension, delving into what enhances or diminishes societal well-being in the face of multifaceted challenges, from post-Covid-19 recovery to resource conservation and climate change. The track invites researchers to explore the profound impact of advanced technologies on economic, social, and environmental matters, investigate the influence of social issues on organizations' technology adoption decisions, and shed light on the methods and motivations behind the utilization of advanced technologies to address societal challenges.

Furthermore, this special track is part of a larger special issue, titled "NEW TECHNOLOGIES FOR BUSINESS AND SOCIETY: ACHIEVING MULTIPLE GOALS WITH MULTIPLE TYPES OF ORGANIZATIONS," in Business & Society, with a paper submission deadline of June 30, 2024, and guest editors Valentina Cucino, Giovanni Battista Dagnino, Giulio Ferrigno, Andreas Kaplan, and Paavo Ritala. For more details and specific themes, please refer to the full call for papers available here: https://journals.sagepub.com/pb-assets/PDF/BS%20Special%20issue_Exponential%20technologies%202151023-1697714909.pdf