

**CONFERENCE RELATED RESOLUTION OF COUNCIL TO BE CONSIDERED FOR ADOPTION
BY THE 33rd IUPAP GENERAL ASSEMBLY October 2024 CHINA, HAINAN:**

1. RESOLUTION TO ENCOURAGE ORGANIZATION OF ENTREPRENEURSHIP WORKSHOPS

- 1.1. **Background:** The field of physics remains a fundamental branch of the natural sciences. By virtue of it being the study (under various conditions) of the general behavior of physical objects that constitute the universe, physics has for decades proliferated in its growing industrial applications, making it ever relevant a driver that underpins most technological advances in modern day society. The *“application of physics towards solving problems of concern to humanity”* does not only remain the cornerstone of the founding mission of the IUPAP, but it also continues to position the Union in good stead as a viable interlink between physics researchers and their counterparts within the relevant industrial environments where physics principles remain the underlying drivers of manufacturing and development technologies that deliver various products for societal needs on an industrial scale. In this way the 29th IUPAP General Assembly adopted in Sao Paulo, Brazil, Resolution 13 *“To establish a Working Group on Physics and Industry”*, WG16, which was charged amongst others with the responsibility to strengthen IUPAP connections with physicists working in industry. The interest of IUPAP in strengthening links with physicists in industry also led to the incorporation into the Articles of the Union the Corporate Associate Membership type which was approved in 2021.

General lack within the research community of awareness of available market opportunities for product commercialization has persisted over the years, largely as a result of the absence of regular and well-coordinated entrepreneurship skills development activities for, and by the physics community in collaboration with relevant industrial partners.

- 1.2. **Proposed Resolution for adoption by 33rd IUPAP GA:** *In pursuit of the original objective of the Sao Paulo Resolution 13-IUPAP-GA-29, the 33rd IUPAP General Assembly resolves to encourage the broad IUPAP community, including IUPAP members, Commissions, Working Groups and Supported Conference Organizing Committees, to organize, in consultation with Working Group 16 (WG16) on Physics and Industry, and in close partnership with Industrial stakeholders, Workshops, either as dedicated events or as an integral part of a broader conference programme, that are geared at developing and nurturing entrepreneurship skills as a critical pathway towards promoting innovation and product commercialization practice amongst the physics community.*

2. RESOLUTION TO ENCOURAGE/PROMOTE ANONYMIZED REVIEW PROCESS FOR SELECTING CONTRIBUTED ABSTRACT TO THE CONFERENCES

2.1. **Background:** One of the challenges encountered and generally cited as one of the reasons certain groups are less represented at major international conferences and events is the prohibitive and one-sided opaque nature of the conference abstract review process generally referred to as single-blind review. This is when a review of a submitted manuscript or conference abstract is conducted by reviewers who have the knowledge of the identity of the author(s) of the submitted manuscript while the reviewer(s)'s identity remain(s) concealed from the manuscript authors themselves. The double-blind mechanisms conceals identities on both sides, with the reviewers reviewing the submitted manuscripts/abstracts without knowing the identity of the authors, while the authors are reviewed without knowledge of the identity of the reviewers. Whereas single-blind review has traditionally remained a going norm, recently various groups had amplified calls for the introduction of a double-blind review mechanism as a means towards elimination of subjective bias during the review processes.

2.2. **Proposed Resolution for Adoption by the 33rd IUPAP GA:** The 33rd IUPAP-GA resolves to encourage organizers of IUPAP supported conferences to experiment empirically with the anonymized/double-blind review process for selection of contributed conference abstracts. Organizers of Conference events where this is successfully or unsuccessfully implemented should, in consultation with relevant IUPAP Commission Chairs, share with the IUPAP Council their experiential outcomes to inform future input into the formulation of IUPAP Conference general guidelines on the review of conference abstracts.