

On the path towards Open Science for physics and beyond

IUPAP urges conference organizers, publishers and information providers to implement the required data protection rules within the legislation in the area they operate, while libraries and archives must be given the possibility to preserve and make available the scientific record, i.e. list of conference participants, photos, videos, etc. for future reference and historical research.

Open access publishing has over the last years become mainstream in several parts of the world. IUPAP encourages all stakeholders to explore models that will make Open Access the way forward for scientists from all countries—ensuring a global publishing landscape with a vast diversity both for content coverage and publishing platforms. IUPAP observes that the current evaluation system of academics, applied in many countries, is one of the most significant impediments to stop the centralisation of publishing outlets.

IUPAP applauds the [UNESCO draft recommendation on Open Science](#). The draft recommendation builds on the the essential principles of academic freedom, research integrity and scientific excellence. Open science sets a new paradigm that integrates into the scientific enterprise practices for reproducibility, transparency, sharing and collaboration resulting from the increased opening of scientific contents, tools and processes. IUPAP encourages all UNESCO Member States to vote for final approval at the upcoming General Conference—an UNESCO approval will accelerate the transition to Open Science in physics and beyond.