



World Metrology Day, 20 May 2018

The theme for World Metrology Day 2018 is **Constant evolution of the International System of Units**. This theme was chosen because in November 2018, the General Conference on Weights and Measures is expected to agree one of the largest changes to the International System of Units (the SI) since its inception. The proposed changes are based on the results of research into new measurement methods that have used quantum phenomena as the basis for standards that are fundamental. The SI will be based on a set of definitions each linked to the laws of physics and have the advantage of being able to embrace further improvements in measurement science and technology to meet the needs of future users for many years to come.

Indeed more widely metrology, the science of measurement, plays a central role in scientific discovery and innovation, industrial manufacturing and international trade, in improving the quality of life and in protecting the global environment.

World Metrology Day is an annual celebration of the signature of the Metre Convention on 20 May 1875 by

representatives of seventeen nations. The Convention set the framework for global collaboration in the science of measurement and in its industrial, commercial and societal applications. The original aim of the Metre Convention—the world-wide uniformity of measurement—remains as important today as it was in 1875.

The World Metrology Day project is realized jointly by the International Bureau of Weights and Measures (BIPM) and the International Organization of Legal Metrology (OIML).

World Metrology Day recognizes and celebrates the contribution of all the people that work in inter-governmental and national organizations throughout the year on behalf of all.

www.worldmetrologyday.org

Science for Peace

CSU's Committee on Freedom and Responsibility in Science issued a statement from the World Science Forum, where it held its 23rd meeting 6-8 November 2017, highlighting the role of science as the bedrock of a peaceful and equitable world. The statement fed into the closing declaration of the World Science Forum 2017.

"On the occasion of the World Science Forum, the Committee on Freedom and Responsibility in Science of the International Council for Science salutes the theme of **Science for Peace**. There is a greater opportunity than ever before to harness the insights, knowledge and technical progress fuelled by advances in science and technology to promote an equitable world, anchored in peaceful relations among nations and citizens. The conduct of science flourishes in times of peace. The free circulation of ideas and people is central to supporting a peaceful world. For the sciences and scientists, free interchange of ideas, and freedom to pursue questions of scientific merit, support their responsibilities to apply the best scientific methods, models and research to improve the lives and wellbeing of the world's peoples. Scientists and science organisations serve as ambassadors for peace and as conduits across nations and national interests, in their focus on global wellbeing."

www.icsu.org/current/news/icsu-committee-issues-statement-on-the-importance-of-science-for-peace