

Chemistry is a part of our very existence

In 2011 the attention of the world metrology community is focused on Chemistry. This theme is an obvious recognition of the tremendous importance of chemistry in all the aspects of modern life and more importantly the vast numbers of new avenues for development and innovation created by the application of the new technology to the old science.

Probably because we ourselves are creatures of a chemical nature this type of measurements seems to pervade all aspects of our very existence.

Even beyond our healthcare and nutrition with all the proteins, vitamins and minerals which are all identifiable, synthesisable chemical entities we use chemical fuels like gasoline and diesel and worry about the effects of greenhouse gases like carbon dioxide and methane on the climate and on the effects of halocarbons on the ozone shield of our upper atmosphere.

It is not surprising therefore that the science of substance has forced its way into a position of prominence in many of the critical issues that face us daily as simple as the choice of nail polish to match that outfit or as complex as a DNA match to indicated paternity or guilt.

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