

Welcome Message by Our Honorable Chair Person

Dear Colleagues,

I am Michael Fundator, and I am associated with National Board on Materials Manufacturing and Division of Behavioral and Social Sciences of the National Academy of Sciences, Engineering, and Medicine of United States. Last year I became a winner of the World Championship for Fundator's Multidimensional Time Model. It is a great honor for me to Chair this prestigious International 3rd Global Summit on Chemistry and Chemical Engineering, which is being held in Philadelphia, Pennsylvania, United States. Historical developments of modern scientific approach to velocity of chemical reactions based on different quantum effects are going side by side with innovative recent discoveries in spectrometry and spectroscopy and their integration in Analytical Chemistry and Biochemistry. Modern advances in nanotechnology beyond nanometer-accuracy in distance measurements at the single-molecule level based on overcoming diffraction limit are further shading light by allowing to extend knowledge of simple elements like cobalt, nickel, copper, calcium, iron, silver, gold, through uranium and plutonium to Astrochemistry in investigations and comparison of even approximate percentage distribution of elements in the birth of super novae that are too heavy to be produced by stellar fusion to lighter elements, like oxygen, carbon, helium, and nitrogen. The theoretical approach through Rayleigh–Taylor and Richtmyer–Meshkov instabilities in spherical symmetry, Kolmogorov's turbulence 5/3 time scale law with “loophole free” Bell tests in combination with different chemical properties of these elements and multiple quantum effects like concentration of pressures and energies in small regions permit global change in analysis from distances measurements to time scale analysis and can result in 10,000 times difference. Similar theoretical approaches on nanolevel can give results in multitude of polymers shapes and DNA and RNA analysis. My message welcomes all of you to participate in this **3rd Global Summit on Chemistry and Chemical Engineering in Philadelphia, Pennsylvania, United States.**

Yours Sincerely,

Michael Fundator

National Academy of Sciences, USA

