

## Proceedings of the First NanoWorld Conference in Boston (NWC-2016). Part V: Plenary Conclusive Presentation

### Plenary Conclusive Presentation

#### Useful Science and Technology for a Just Peaceful World

Conference Chairman **Claudio Ando Nicolini**

As a result of the close cooperation between United Scientific Group and Fondazione EL.B.A. Nicolini this First NWC was then successfully held in Newton (Boston, USA) with:

- Participation of 96 scientists from 19 different countries worldwide;
- Introductory lecture linking Science and Technology to Society, followed by sparkling controversies and consensus for an efficient reorganization in Associate Editors and Topics Panels within Executive Board of the old Editorial Board of the NWJ who has in April 4-6 2016 and will in April 3-5 2017 and 2018 sponsor the NanoWorld Conferences at same place and time in Boston;
- Two keynote presentations from two respective members of the USA and Russia Academies of Sciences;
- Three Plenary Symposia on the Emerging Topics on Approach to Cancer from Nanoscale to Patient, Structural Proteomics, Nano-Materials, -Devices and -Systems with fifteen lectures;
- Forty-three selected speakers in four parallel sessions on Nanotechnology and Nanosciences;
- Twenty-five posters by young investigators.

It was finally decided to formalize within an ad hoc Symposium organized by our Society panel at the next Second NWC in Newton on April 3-5 2017 the proposal for the creation of a dedicated *World Peace Forum* capable by a close cooperation within Fondazione EL.B.A. Nicolini, United Scientific Group and other international organizations to find a solution to the many big challenges remaining unsolved in front to humanity, namely cancer, energy, space, hardware and environment, that only a truly internationalised broad research carried out down to the nanoscale could successfully undertake and solve, leading namely to:

- New Energy Sources
- Carbon Dioxide Reduction
- Cancer Defeat
- Space Exploration and Asteroids Destruction
- Intelligent Hardware

Efforts at the national scale did provide so far a very limited response due to the magnitude of technological and scientific problems still largely underestimated and to the magnitude of the economic crisis existing worldwide. The time is furthermore running out on humanity and exceptional resources and attitudes are called for, and we must thereby attempt to achieve a quite wider consensus by organizing an ad hoc *World Peace Forum* in the future to Conference planned for 2017 where leading organizations and nations have to be invited, mainly those responsible in United States and Russia Federation that possess over 90% of nuclear arms. I am very grateful to those Editorial Board members willing to sign now a petition, but I do prefer to postpone the appeal to an adequate assessment of the present status of New START (Strategic Arms Reduction Treaty)(Russian: CHB-III, SNV-III) signed on 8 April 2010 in Prague, which represent *Measures for the Further Reduction and Limitation of Strategic Offensive Arms* between the United States of America and the Russian Federation, expected to last until 2026.

The Need for U.S.-Russian Nuclear Cooperation was stressed in the Joint Project on "Promoting Safe, Secure and Peaceful Growth of Nuclear Energy" published in October 2010 by Matthew Bunn (Belfer Center for Science and International Affairs at Harvard Kennedy School) and Vyacheslav P. Kuznetsov (Russian Research Center "Kurchatov Institute"). At their April 2009 summit, Russian President Dmitri Medvedev and U.S. President Barack Obama said: "Together, we seek to secure nuclear

weapons and materials, while promoting the safe use of nuclear energy for peaceful purposes.” At their July 2009 summit, they repeated these objectives, and established a joint Nuclear Energy and Nuclear Security Working Group co-chaired by Sergei Kirienko, Director-General of the Russian State Atomic Energy Corporation (Rosatom), and Daniel Poneman, U.S. Deputy Secretary of Energy. Have these common goals being achieved is what Obama and Putin intend to do now and for the future within and above the bilateral Agreement for Cooperation in the Field of Peaceful Uses of Nuclear Energy? I am certain of it having supported Barack since the onset, in the present and the future joining his recent Foundation in Chicago. Or maybe it is easier to ask Matthew Bunn, Professor of Public Policy at the Harvard Kennedy School, and Vyachevslav P. Kuznetsov, Scientific Secretary of the Academic Council at the Kurchatov Institute, led by my oldest friend Michail Kovachuck? We intend to invite all the above and others to April 3 2017 in Newton (Boston) at the Forum for World Peace to be held at the onset of the second NWC, with the objective to obtain adequate number of signatures for submission of the resulting petition at the same time to the White House and to the Kremlin.

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