Message from ACADEMIA NDT International President; IRNDT۲۰۱۶

Dear friends of the IRANIAN Society for nondestructive testing,
Dear Authorities present at this great event,
Thanks for your invitation to participate at your Conference.
A special thanks I like to express to President Rouhani for his recent visit to Italy, for his strong will to cross the border of the isolation becoming partner of the peace process so dramatically necessary in this days.
Thanks to the participants to give life and contribute to this very important event.
Nondestructive testing is today going close to its centenary anniversary.
Nothing of the most advanced project in aerospace, nuclear, petrochemical, transportation, etc. could be reached without the contribute of NDT.
We are often repeating: nothing could move without NDT.
Across the year the need of developing new methods have attracted NDT more and more into basic physics.
The discovery of flat panel in radiography that allow instant radiography on line; the new technique in Ultrasonic from TOFD to Phased Array, the array in Eddy Current are only few of the sophisticated instrumentations available today for the evaluation of the integrity of the material.
Science is the common platform on which people come together independently from politics, religion or other differences.

Science with its never endless arriving point motivate people in a continuous tentative to enter into the knowledge of our Universe still showing so many unknown contents as dark matter, dark energy, gravitational waves.
NDT started in the late ١٩٣٠ to become a fundamental tool for the integrity evaluation of materials, structures, Plants, etc.
The continuous research into the main physical principal erupted the day in a scenario of different methods of Nondestructive Testing
NDT are becoming more and more reliable with very precise document in the estimation of indication.
The digital era, the computer science have given one of the most powerful advances in the NDT worldwide.
New needs are arising in particular focused in the area of monitoring.
The request is not to detect the crack but the early stage before the crack, before the collapse.
To afford this new frontier a deeper knowledge in physics, mathematics, electronic will be needed.
This means that the NDT world have to come closer to the intimate part of matter.
The foundation of NDT ACADEMIA International from honorary members of ICNDT has been the scope to take closer the people of NDT to high physicists.
In Shanghai ٢٠٠٨, Durban ٢٠١٢, Prague ٢٠١٤, World conferences and European conference Nobel Prizes as Prof. Giacconi, H. Kroto and P.Higgs were present dealing with people of NDT.
From these experiences we have seen that the two worlds are not so far and have some common basis extremely useful for progress of NDT.
The gap between high physics and NDT is disappearing.
The string theory, one of the most discussed theory today is finding followers in the interpretation of the metallic structure and many phenomena associated.
The new generation of NDT people is facing a extraordinary technology era; to continue the progress of NDT, study, experimental tests, spirit of application and sacrifice to achieve results are strong requested from the youngs.
In parallel Universities all over the world have to introduce nondestructive testing in the academic curriculum of engineers. It is time to provide realistically this scope.
Dear friends I wish you all the best in these Iranian NDT days.

With my best regards,

G. NARDONI

President ACADEMIA NDT International, Honorary member of ICNDT, Honorary member of Italian Society NDT