

"New rules for science: the evolution of quantum-architectures Space / Time" –
by Paolo Manzelli, <pmanzelli@gmail.com> ;www.egocreanet.it ; www.wbabin.net



Looking to the brain chemistry, creativity means to open the mind in order to share information among various specialized areas of the neurological system.

In fact creativity method need follow two steps : **1) “Problem posing”** in a enlarged context of thought ; **2) “Problem solving”** of the consequent open questions.

Therefore creativity need firstly an activity of "problem posing " using a different point of view in respect to the traditional context of thinking and 2) to find new ways for "problem solving" about before insoluble conceptual problems.



Following the above method of research I develop the theory of ENTANGLEMENT (literally "Intrigue" of wave/ particles), which I described in several articles in : www.wbabin.net and in www.egocreanet.it and in other WEB-Sites of EGOCREANET//ON-NS&A research group.

In fact “**Entanglement Theory**” would outline a new approach of science for overcoming the mechanics character of traditional science understanding , in order to outline a more appropriate logical context of **BIO-QUANTUM PHYSICS** to better understand the evolution of living systems.

At every time that the quantum particles are packed in an un-sufficient space (e.g. caused by a strong collision or other shocks that push two or more particles in a short area) the condensed particles overlaps their associated waves .So that this wave's overlapping give rise to a quantum commutation of relativistic space-time.

At the same time the mass of entangled particles is transformed in "binding energy" following the application of Einstein's formula $\langle E = mc^2 \rangle$.



1) - PROBLEM POSING :

The complete commutations matrix of Space-Time is briefly written as follows.

----->
OVERLAPPING AREA AND COMMUTATION of SPACE DIMENSIONS



$$\begin{aligned} S1S2S3 &\leftrightarrow S1S2 &\leftrightarrow S1 \\ T1 &\leftrightarrow T1T2 &\leftrightarrow T1T2T3 \end{aligned}$$

SIMULTANEOUS CONTRACTIONS IN THE DOMINION OF TIME
-----<

As a consequence :

- In ORDINARY SYSTEM (**XYZ, T1**) the information can be only locally transferred from one point to 'another in Euclidean space dimensions
- In First TRANSITION SYSTEM (**XY, T1T2**) the information is shared simultaneously (delocalized) in the format two or more quantum particles
- In Second TRANSITION System (**X, T1T2T3**) the information "evaporated in a tunnel " in three times a) deceleration b) inversion c) acceleration along the unique axis of space X

2)- PROBLEM SOLVING :

The scientific problems opened by this evolution of Space-Time are various and therefore we propose to analyze it later

Among them:

- The study of no-linear dynamic exchange based on synchronisms and simultaneity in double dimensions of time
- The study of the stability // uncertainty of 'ENTANGLEMENT // DISENTANGLEMENT processes in the perturbations caused by strong confinement of particles.
- other problems emerges in the case of the need of large dissemination in artistic and theatrical representation of the ENTANGLEMENT THEORY.

These themes will be part of the dialogue arranged for improving the meeting on SELF - ORGANIZATION PHENOMENA that will be held in Florence (IT) NOV/2008/14 to Vieuxseux in Palazzo Strozzi. See in www.egocreanet.it



; PAOLO MANZELLI ;Director of LRE/EGO-CreaNet
c/o – University of Florence DEP. Chemistry DI CHIMICA ,
POLO SCIENTIFICO 50019 -SESTO F.no- 50019 Firenze-
Via Della Lastruccia 3 -room: 334: Phone: +39/055-4573135 Fax: +39/055-4573077
Mobile: +39/335-6760004 pmanzelli@gmail.com