



FIRST OPEN NETWORK OF NEW SCIENCE & ART MEETING

Emergence of Self-organization and Information Phenomena in Science and Art

November 20-21, 2008

Palazzo Strozzi – Sala Ferri - Florence (Italy)

THE NEW MEASUREMENT OF HUMANITY FLORENTINE

REINASSAINCE PROJECT

List of Speakers up today Sept/01/2008

(Lectures in English or in Italian)

20 November 2008

SCIENCE SECTION

9.00-9.15 Paolo Manzelli – I° Presentation the ON-NS&A Virtual research Community to enhance cognitive frontiers of science and art. www.egocreanet.it ; www.edscuola.it/LRE.html ; <http://www.chim1.unifi.it/group/education/>

9.15-10.00 Prof. F.T. Arecchi - "Coherence-Complexity-Creativity"
Phys. Dept. University of Firenze & INOA (Istituto Nazionale di Ottica Applicata)

Web: <http://www.ino.it/home/arecchi/>

10.00-10.30 Dr. Giovanni Baldi , Colorobbia Res. Dept . www.CERICOLI.IT

"Nanomaterials, nanostructures and aesthetic appearance: from art and nature to new materials"

"Nanomateriali, nanostrutture ed effetti estetici: dall'arte e dalla natura ai nuovi materiali"

10.30-11.00 [Prof. Paola Zizzi](#) - **"I, quantum robot"**

Theoretic Physics -Department of Pure and Applied [Mathematics](#), University of [Padova](#), [Italy](#)

Web: <http://www.quantumbionet.org/eng/index.php?pagina=42>

11.00-11.30 [Prof Massimo Pregnotato](#) - **"Quantum Games and Competitive Advance of Entangled Entrepreneurs"**

Department of Pharmaceutical Chemistry University of Pavia (IT)

Web : <http://www.quantumbiolab.org/>

11.30-11.45 Coffe-Breack

11.45-12.15 [Dr. Simone Severini](#) - **"Quantum Graphity: a model of emergent locality"**

Web: <http://www.iqc.ca/%7Esseverin/NewScientist08.pdf> PostDoct.Fellow Davis Centre, Waterloo- Ontario, Canada Web: <http://www.iqc.ca/~sseverin>

12.15-12.45 [Prof Dr Dr Rainer E Zimmermann](#) - **"Onto-epistemic Implications of Emergence in Social Space"**.

Philosophisches Institut, U Kassel / Clare Hall, UK - Cambridge / Lehrgebiet Philosophie, FK 13, H Muenchen

Web : <http://www.thur.de/philo/gast/bloch.htm> ;

<http://arxiv.org/ftp/physics/papers/0304/0304053.pdf>

E mail : rainer.zimmermann@hm.edu ; pd00108@mail.lrz-muenchen.de

13.00-14.15 Lunch

14.15-14.45 [Prof. Ignazio Licata](#) - **"Come la Mente crea Mondi: La Logica Aperta della Cognizione e dell'Epistemologia"** ignazio.licata@ejtp.info

14.45-15.15 [Dr. Henrik Jeldtoft Jensen](#) - **"Emergence of macro-time through self-organised collective adaptation"**

Institute for Mathematical Sciences, Imperial College London, 53 Prince's Gate, South Kensington campus, London SW7 2PG, UK Web: <http://www.ma.ic.ac.uk/~hjens/> **email:** h.jensen@imperial.ac.uk

15.15-15.45 [Tiziano Cantalupi](#) - **"Resonance Frequency in Neurons"**

Web: <http://www.geocities.com/capecanaveral/hangar/6929/CURRICUM.html>

15-45-16.00 Coffee-breack

16.00-16.30 - Vincenzo Valenzi - "**L'evoluzione della biofisica quantistica in medicina e biologia: da Schrodinger a Preparata e Benveniste**" Centro Studi di Biometeorologia¹, Unimol², STM Milano³.

16.30 -17.00 - Roderick Quin Ombrae Art Studios / Quin Media Arts + Sciences (QMAAS-Canada) rod@ombrae.com **Title to be announced** .

17.00-17.30 - Leonardo Chiatti - "**Un nuovo concetto di archetipo nella fisica della auto-organizzazione**"

Laboratorio di Fisica Medica AUSL VT Web: <http://www.ontuscia.it/nstorica.asp?id=16612>
fissan1@asl.vt.it ; info.ced@asl.vt.it

17.30-18.30 –**Luigi Dei and Piero Baglioni** SCIENCE&ART - DEP Chemistry Florence University . ;
: Nanoscience and nanotechnology for art conservation “

<http://matsci.unipv.it/CSGI/proc/People.aspx?ID=187>

21 November 2008

ART & SCIENCE SECTION

9.00-9.15 Paolo Manzelli–II° *Preseation the ON-NS&A Virtual research Community to enhance cognitive frontiers of science and art.*

9.15-10.00 Piero Antonio Bernabei - "**Self Organization of New Field of Culture. The Case of Art and Biological Sciences**" WEB-WIKI : http://it.wikipedia.org/wiki/Pietro_Antonio_Bernabei

10.00-10.30 Daniele Milanese - "**Consciousness in energy and matter**"

<http://www.quantumbionet.org/eng/index.php?pagina=137>

10.30-11.00 Alberto Olivero - "**Dialogo di Teofanos**"

Narrativa Scienza ed Economia Web: www.albertoolivero.it

11.00.11.30 – Antonia Colamonico - **I vuoti e i pieni della spugna biostorica: l'autoreferenzialità della vita**

www.biostoria.blogspot.com ; www.occhiobiostorico.blogspot.com

11.30 – 12.00 Claudio Catalano – **Architettura, natura e sistemi emergenti**

Early Afternoon 21/NOV/2008 :

15.30 – 16.30

Conclusions and Proposals - ROUND TABLE and debate :

Coordinated by Dr. Paolo Manzelli - **"Self catalysis in LIESEGANG RINGS, CLOCK REACTION"** (Show of a Film)

Department of Chemical Physics University of Florence (IT) Web:
<http://www.chim1.unifi.it/group/education/>

"La Scienza in una strategia culturale innovative di grande impatto sociale ed economico per lo sviluppo"

" Science embodied in a strategy of cultural innovation of great social impact and economic development"

"The Round Table would like to debate in a panel discussion the main issue of "knowledge sharing between science and art", during which we will point the organization of ON-NS & A (see: www.egocreanet.it) as INTERNATIONAL VIRTUAL COMMUNITY Research for developing a synchronicity among the frontier of science and cognitive emergencies of contemporary art. "

MEETING ON : SELF –ORGANIZATION PHENOMENA in SCIENCE & ART .

WEB : <http://www.chim1.unifi.it/group/education/> ; www.egocreanet.it ; www.wbabin.net



Quantum dots sorted by size emitting light of different colours.