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LIBERA UNIVERSITÀ DEGLI STUDI DI
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UNIVERSITÀ
DEGLI STUDI
DI PALERMO
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ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA
DIMEVET



Quantum Paradigms of Psychopathology (QPP) Group Second International Symposium

MINDS, MEMBRANES, MICROTUBULES, AND MADNESS: CURRENT PROGRESS IN QPP-RELATED RESEARCH *Molecular and Quantum Approaches to Psychopathology. An Interdisciplinary Dialog with Psychiatrists*

April 26th-27th, 2013
Palermo, Italy

Venues:

April 26th: Sala delle Capriate, Palazzo Steri, Piazza Marina 61.
April 27th: Villa Malfitano "Whitaker", Via Dante 167.

Special Guest:

Kary Mullis, Nobel Laureate

QPP Group Advisory Board

Massimo Pregnotato, Ph. D.

QPP Scientific Program Committee Chair Founder, Quantumionet
Professor of Medicinal Chemistry, University of Pavia, Italy

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QPP Treasurer - Director, Institute "Paolo Sotgiu" L. U. de S.
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Professor of Nutritional Biochemistry, University of Bologna, Italy

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NeuroQuantology Journal

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Professor of Philosophy, Bowling Green State University, USA

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Professor of the Graduate School, Department of Molecular & Cell
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Finland

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University of Texas Southwestern, USA

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Sunderby Hospital, Sweden

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Professor of Psychology and Behavioral Neuroscience,
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Paola Zizzi, Ph. D.

Institute Paolo Sotgiu, L. U. de. S. University, Switzerland



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qpp

quantum paradigms of psychopathology

April 26th, 2013

Venue: Sala delle Capriate, Palazzo Steri, Piazza Marina 61, Palermo, Italy

4:00 p.m.: Official Welcome

Roberto Lagalla, Rector of the University of Palermo
Salvatore Amato, President of Council of Physicians of Palermo
Giuseppe Amodei, Chief of Regional Agency for Students' Rights, Palermo
Giovanni Zummo, Director of the Department BIONC, Univ. of Palermo
Bartolomeo Sammartino, President of IEMEST, Palermo
Manuela Di Martino, President of LUdeS University, Lugano
Massimo Cocchi, Director of "Paolo Sotgiu Institute", Lugano

Introduction to the Meeting:

Kary Mullis, Nobel Laureate

4:30 p.m., FIRST SESSION: PHILOSOPHY, THEOLOGY AND PHYSICS

Chairpersons:

Daniele La Barbera, Director of Psychiatric Unit, BIONE C Department,
University of Palermo, Italy
Massimo Cocchi, L.U.de.S. University Lugano, Switzerland & University
of Bologna, Italy

Keynote Address:

THE CUNNING OF THE OBSERVABLE

Donald Mender, M.D., F.A.P.A.

*Professor of Psychiatry, L. U. de S. University, Lugano, Switzerland
Lecturer in Psychiatry, Yale University, USA*

**5.00 p.m.: ORTHOTES AS METAPHYSICAL VIOLENCE. MAJOR DEPRESSION
AND BIPOLAR DISORDER: FROM IDEOLOGY TO BIOLOGY**

Fabio Gabrielli, *Professor of Philosophical Anthropology,
L.U.de.S. University, Lugano, Switzerland*

5:30 p.m.: A DIALOGUE BETWEEN ETHICS AND NEUROSCIENCE

Michele Aramini, *Professor of Moral Theology, Catholic University, Milan,
Italy*

**6:00 p.m.: NEW DEVELOPMENTS IN QFT MODELING OF THE BRAIN AND
LIVING MATTER**

Giuseppe Vitiello, *Professor of Theoretical Physics, University of Salerno,
Italy*

6:30-7:00 p.m.: General Discussion

7:30: Conclusions

April 27th, 2013

Venue: Villa Malfitano "Whitaker", Via Dante 167, Palermo, Italy

9:00 a.m.: SPECIAL LECTURE

Chairperson: Paolo Castrogiovanni, Past Professor of Psychiatry, University of Siena, Italy

Claudio Mencacci, Head of Psychiatry, Fatebenefratelli Hospital, Milan, Italy - President of the Italian Society of Psychiatry: **WHAT'S RIGHT AND WHAT'S WRONG IN PSYCHIATRY?**

10:00 a.m., SECOND SESSION: BIOMOLECULAR AND QUANTUM APPROACHES TO PSYCHIATRY

Chairpersons:

Massimo Pregnotato, QPP Scientific Program Committee Chair; Founder, Quantumbionet; Professor of Medicinal Chemistry, University of Pavia, Italy

Mansoor Malik, QPP Corresponding Secretary, Section Editor for QPP, NeuroQuantology Journal; Professor of Psychiatry, Howard University, USA

Introductory lecture:

Gordon Globus, Professor Emeritus of Psychiatry, Professor Emeritus of Philosophy University of California at Irvine, USA: **A QUANTUM BRAIN THEORY OF DREAMS**

Special guests' talks

11:00 a.m.: Efstratios Manousakis, Professor of Physics, Florida State University, USA:

FOUNDING OUR MATHEMATICAL DESCRIPTION OF OUR PERCEPTION OF NATURE ON THE PROPERTIES OF CONSCIOUSNESS

11:30 a.m.: Mario Rasetti, Professor of Theoretical Physic Models and Mathematical Methods, Politecnico di Torino, Italy: **A QUANTUM LIFE MODEL**

12:00 p.m.: Mark Rasenick, Professor of Psychiatry Department of Physiology & Biophysics, College of Medicine, University of Illinois, USA: **G PROTEINS AND LIPID RAFTS AS REGULATORS OF BOTH MICROTUBULES AND MOOD**

12:30 p.m.: Andy Marlow, UK: **A QUANTUM PSYCHOPATHOLOGICAL ACCOUNT OF ANOREXIA NERVOSA**

1:00 p.m.: Lunch Break

2:00 p.m.: THIRDSESSION: ROUND TABLE OF QPP GROUP.

Chairperson: Massimo Pregnotato, QPP Scientific Program Committee Chair Founder.

Gustav Bernroider, Professor of Biology, Neurosignaling Unit, University of Salzburg, Austria: **NEURAL D-SEPARATIONS AND TRANSIENT BRAIN DYNAMICS: UNRAVELING THE CAUSAL CHAIN FROM BRAIN SPACE TO MIND**

Massimo Cocchi, QPP Treasurer - Director, Institute "Paolo Sotgiu" L.U.deS. Univ., Switzerland; Professor of Nutritional Biochemistry, University of Bologna, Italy: **CONSCIOUSNESS FROM ANIMALS TO HUMANS: QUANTUM AND MOLECULAR PATHWAYS**

Mansoor Malik, QPP Corresponding Secretary, Section Editor for QPP, Neuro-Quantology Journal; Associate Professor of Psychiatry, Howard University, USA: **PARADIGM SHIFTS IN MENTAL HEALTH**

Eliano Pessa, Department of Behavioral and Brain Sciences, University of Pavia, Italy: **TOWARDS AN INTEGRATED MODEL OF CYTOSKELETAL QUANTUM DYNAMICS**

Massimo Pregnotato, Professor of Medicinal Chemistry, University of Pavia, Italy; **Ignazio Licata**, Director, Institute for Scientific Methodology: **QUANTUM LOGIC, THE COLLECTIVE UNCONSCIOUS AND THE BIOLOGICAL BASIS OF PSYCHOPATHOLOGY**

Paavo Pylkkanen, University Lecturer in Theoretical Philosophy, University of Helsinki, Finland: **PSYCHOPATHOLOGY IN LIGHT OF THE ONTOLOGICAL INTERPRETATION OF QUANTUM THEORY**

Lucio Tonello, Professor of Biomathematical Sciences, L.U.deS. University, Switzerland: **STREAM OF CONSCIOUSNESS: QUANTUM AND BIOCHEMICAL ASSUMPTIONS REGARDING PSYCHOPATHOLOGY**

Jack Tuszyński, Professor and Allard Research Chair, Division of Experimental Oncology, Cross Cancer Institute, Canada: **TOWARDS NANONEUROSCIENCE: THE POTENTIAL OF NANOTECHNOLOGY FOR THE TREATMENT OF NEUROLOGICAL DISORDERS**

Ursula Werneke, Professor of Psychiatry, Umea University, Sweden; Consultant Psychiatrist, Director of Postgraduate Education, Sunderby Hospital, Sweden: **INTUITION - COUNTERINTUITION AND MEDICAL JUDGEMENT**

Paola Zizzi, Institute Paolo Sotgiu, L.U.de.S. University, Switzerland: **THE MIND AND THE QUANTUM**

5:30 p.m.: Conclusions



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La partecipazione è gratuita. Iscrizioni in loco