

1ST CONGRESS OF THE INTERNATIONAL SOCIETY OF DIAMAGNETIC THERAPY



*Diamagnetism from present to future: Innovation,
multidisciplinary and quantum in modern medicine*

ECM Credits

13-14 September 2024

**University “Magna Graecia”
Catanzaro (Italia)**



New Concept in Clinical Management of Diamagnetism Experiences, Theory and Clinical Practice



PRESIDENT: Luca Gallelli

SCIENTIFIC DIRECTOR: Giovambattista De Sarro

SCIENTIFIC COMMISSION: Pietro Romeo, Felipe Torres, Rita Citraro, Antonio Leo

ISDT

The International Society of Diamagnetic Therapy (ISDT) was founded on the principle of interdisciplinarity, bringing together clinicians and researchers from various fields of research and practice. The aim was to enhance the understanding of the role of Diamagnetism in clinical applications by examining the underlying research in mathematics, electronics, and physics.

Therefore, we have planned the First International Congress of Diamagnetic Therapy to be held in Catanzaro, the scientific headquarters of the Society, on September 13 and 14, 2024.

International experts will analyze the clinical applications of Diamagnetism in light of new insights into the recent pathogenic aspects of diseases related to chronic inflammation, tissue regeneration, and healing times. Special attention will be given to neuropsychiatric applications and the correlations with the brain-gut axis, peripheral neuropathies, pain treatment in addition to local and systemic medications, and phytotherapeutic substances.

Synergies between conventional medicine and quantum medicine will be examined. The medicine of numbers and the possibility of advancing new technologies in diagnostic and therapeutic applications aim to exemplify and strengthen multidisciplinary collaboration, marked by new horizons of research.

A live practical session will be reserved at the end of the congress. Treatments will be performed and explained for various pathologies. Participants will evaluate the characteristics of Diamagnetic Therapy in selected clinical situations already discussed during the congress sessions. A warm welcome to all participants and best wishes for a certainly interesting congress work.

Luca Gallelli

Giovambattista De Sarro

FACULTY

Antonio Ammendolia (Italy)	Gianmarco Marcianò (Italy)
Orlando Angulo (Canada)	Francesco Monea (Italy)
Denis Bron (Switzerland)	Lucia Muraca (Italy)
Roberta Cagnetta (Italy)	Serafín Ortigueira (Spain)
Karen Cardenas (Colombia)	Stephanie Otto (Germany)
Luca Catarisano (Italy)	Caterina Pace (Italy)
Erika Cione (Italy)	Leonardo Palacios (Colombia)
Rita Citraro (Italy)	Christina Pasterk (Austria)
Bruno Corrado (Italy)	Sergio Patiño (Spain)
Cristina D'Agostino (Italy)	Salvatore Pullano (Italy)
Alessandro De Ponti (Italy)	Vincenzo Rania (Italy)
Giovambattista De Sarro (Italy)	Carlos Rava (Brasil)
Alessandro de Sire (Italy)	Stefano Rocco (Italy)
Stefany Duque (Colombia)	Pietro Romeo (Switzerland)
Gian Pietro Emerenziani (Italy)	Andrea Santamato (Italy)
Maurizio Evangelista (Italy)	Marion Schneider (Germany)
Gabriele Finco (Italy)	Dimitris Skordis (Greece)
Barbara Frommlet (Austria)	Estefania Torres (Colombia)
Luca Gallelli (Italy)	Felipe Torres (Colombia)
Antonio Gambardella (Italy)	Riccardo Torta (Italy)
Yoon Kham-Hon (Singapore)	Andrea Truini (Italy)
Yahia Kabani (UAE)	Iria Alfonso Varela (Spain)
Antonio La Gatta (Switzerland)	Vincenzo Vespri (Italy)
Sara La Gatta (Switzerland)	Cristina Vocca (Italy)



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ISDT FIRST CONGRESS - PROGRAM

13 SEPTEMBER

9:00 **PRESENTATION OF THE CONGRESS** - Luca Gallelli
GREETING FROM THE AUTHORITIES

FIRST SESSION - WHY DIAMAGNETISM?

KEYNOTE SPEAKERS: Pietro Romeo - Iria Alfonso Varela - Italy - Spain

9:30 **The physical phenomenon** - Lecture - Salvatore Pullano - Italy

9:45 **The scientific rationale** - Estefania Torres - Colombia

10:00 **Mechanotransduction and neuromodulation** - Felipe Torres - Colombia

10:20 **Discussion**



SECOND SESSION - PAIN: ISDT MEETS AISD

KEYNOTE SPEAKERS: Gabriele Finco - Alessandro De Ponti- Italy

10:40 **The Physopathology of Pain** - Caterina Pace - Italy

11:00 **The Low Back Pain** - Vincenzo Rania - Italy

11:07 **Irritable bowel syndrome** - Lucia Muraca - Italy

11:14 **Stimulation of the Vagus Nerve** - Stephanie Otto - Germany

11:30 **Discussion**



11:45 COFFEE BREAK



THIRD SESSION - THE ABDOMINAL-PELVIC DISTRICT

KEYNOTE SPEAKERS: Luca Gallelli – Felipe Torres – Italy - Colombia

12:00 **The Benign prostatic hyperplasia** - Gianmarco Marcianò - Italy

12:07 **Urinary incontinence** - Stefany Duque - Colombia

12:14 **Chronic Pelvic Pain** - Stefany Duque - Colombia

12:21 **Discussion**



FOURTH SESSION - OTHER APPLICATIONS OF DIAMAGNETISM

KEYNOTE SPEAKERS: Vincenzo Rania – Yahia Kabani – Italy - United Arab Emirates

12:40 **Diamagnetism - Bone Marrow Edema and arthropathies** - Dimitris Skordis – Greece

12:50 **Diamagnetic shock waves in equine medicine** - Christina Pasterk – Austria

13:05 **Discussion**

13:30 LIGHT LUNCH



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FIRST SESSION - THE MUSCULOSKELETAL SYSTEM

KEYNOTE SPEAKERS: Antonio Ammendolia – Alessandro de Sire - Gian Pietro Emerenziani - Italy -

14:30 **Sports Trauma: mechanisms and consequences** - Bruno Corrado - Italy

14:45 **Diamagnetic Therapy and its benefit in rehabilitation in sports injuries** - Orlando Angulo -Canada

14:52 **The practical use of Diamagnetism in the clinical daily work as a Physician**- Denis Bron - Switzerland

14:59 **Muscles injuries** - Carlos Rava - Brazil

15:05 **Cells and Matrix: at the focus of what we observe** - Sergio Patiño - Spain

15:13 **Diamagnetic Therapy in high performance sports** - Barbara Frommlet - Austria

15:20 **Use of intra-articular Adelmidrol in the treatment of joint damage** - Maurizio Evangelista - Italy

15:40 **Discussion**

16:00 COFFEE BREAK



SECOND SESSION - PERIPHERAL NEUROPATHIES

KEYNOTE SPEAKERS: Antonio Gambardella - Felipe Torres - Italy - Colombia

16:30 **Setting up** - Andrea Truini - Italy

16:50 **Diamagnetic therapy and Bell's Palsy** - Estefania Torres - Colombia

16:57 **Diamagnetic Therapy in Guillain Barre Syndrome** - Karen Cardenas - Colombia

17:04 **Diamagnetic Treatments: Radiculopathy and problems of the lumbar canal** - Iria Alfonso Varela

17:11 **Pharmacology - Supplements** - Cristina Vocca - Italy

17:30 **Discussion**

End of works



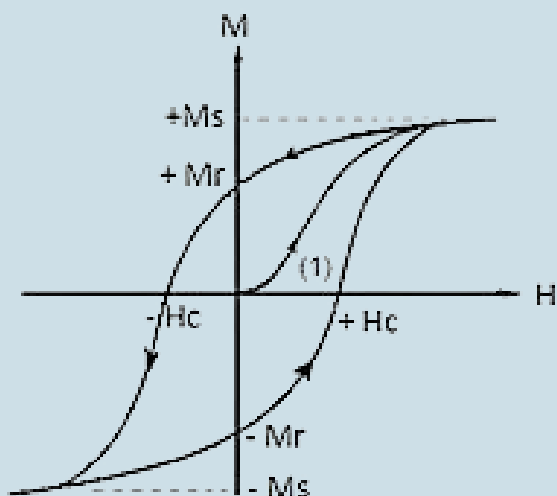
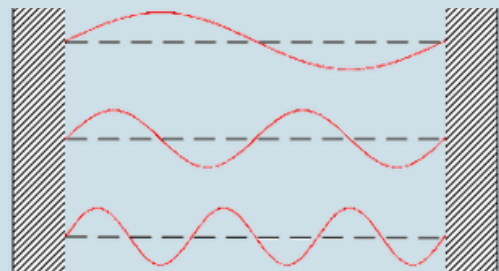
GALA DINNER AT 21.00

MEDICINE

Multidisciplinary collaboration is essential in medicine for the development of new therapies, early diagnosis of diseases, and optimization of treatment pathways. Interaction among various specialists has led to advancements in personalized medicine, tailoring treatments based on individual genetic and molecular characteristics. Similarly, different disciplines collaborate to develop advanced technologies such as biomedical imaging and therapies that utilize physical technologies and genetic actions.

PHYSICS

All materials inherently exhibit a weak repulsion towards magnets due to the quantum nature of their electrons. This phenomenon is called diamagnetism and stems from the behavior of electrons in response to external magnetic fields, as described by quantum mechanics.



QUANTISTICS

The synergy between medicine and quantum physics exemplifies the power of multidisciplinary collaboration in expanding scientific horizons. Advanced medical techniques and therapies rooted in quantum principles offer promising avenues for improved diagnoses and treatments, including innovative approaches.



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FIRST SESSION - REGENERATION

KEYNOTE SPEAKERS: Pietro Romeo - Bruno Corrado - Italy

9:00 **Shock Waves in tissue regeneration** - Cristina D'Agostino- Italy

9:20 **Cell Membrane Stimulation and Phagocytic Capacity by Diamagnetic Effect** - Marion Schneider - Germany

9:40 **Diamagnetic therapy in complex lesions after free flap transplantation** - Stefano Rocco - Italy

9:50 **PRP and joint injuries** - Francesco Monea- Italy

10:10 **Discussion**



SECOND SESSION - APPLICATIONS IN NEUROLOGY - PSYCHIATRY

KEYNOTE SPEAKER: Giovambattista De Sarro – Rita Citraro- Erika Cione - Italy

10:30 **Neuropsychiatric aspects** - Leonardo Palacios - Colombia

10:45 **Neuropsychiatric manifestations and the gut brain axis** - Riccardo Torta - Italy

11:00 **Where are we at?** - Luca Gallelli- Italy

11:15 **Assessment of Parkinson's disease: an integrated EEG System with pattern Recognition Analysis** - Sara La Gatta - Switzerland

11:30 **Integrated neurological rehabilitation** - Serafin Ortigueira – Spain

11:40 **Improvement of Motor Function after Diamagnetic Therapy in an adult patient with spastic cerebral palsy** – Yoon Kham-Hon (Singapore)

11:47 **Discussion**

12:05 COFFEE BREAK



THIRD SESSION

FROM THE PRESENT TO THE FUTURE – OPEN DISCUSSION

12:00 **The science of numbers in the knowledge** - Vincenzo Vespri- Italy

12:15 **Quantum Medicine** - Antonio La Gatta

FROM THEORY TO PRACTICE

13:30 BRUNCH

14:30 **Practice Session:** Live Applications of Diamagnetism, Discussion on Clinical Cases.

Instructors: Roberta Cagnetta, Iria Alfonso Varela, Vincenzo Rania, Stefano Rocco

CLOSING CEREMONY

17:30 **APERITIF AND FINAL GREETINGS**



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