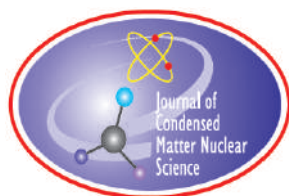


JOURNAL OF CONDENSED MATTER NUCLEAR SCIENCE

Experiments and Methods in Cold Fusion

**Proceedings of the ICCF 19 Conference, April
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JOURNAL OF CONDENSED MATTER NUCLEAR SCIENCE

Experiments and Methods in Cold Fusion

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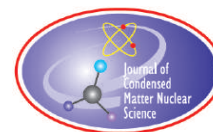
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CONTENTS

PREFACE

RESEARCH ARTICLES

- Effect of Cathode Pretreatment and Chemical Additives on H/D Absorption into Palladium via Electrochemical Permeation 1
Orchideh Azizi, Jinghao He, Dan T. Paterson, Arik El-Boher, Dennis Pease and Graham Hubler
- Calorimetric and Radiation Diagnostics of Water Solutions Under Intense Light Irradiation 10
Yu.N. Bazhutov, A.I. Gerasimova, V.V. Evmenenko, V.P. Koretskiy, A.G. Parkhomov and Yu.A. Sapozhnikov
- Yet Another LENR Theory: Electron-mediated Nuclear Reactions (EMNR) 17
Andrea Calaon
- Observation of Macroscopic Current and Thermal Anomalies, at High Temperature, by Hetero-structures in Thin and Long Constantan Wires Under H₂ Gas 29
Francesco Celani, A. Spallone, B. Ortenzi, S. Pella, E. Purchi, F. Santandrea, S. Fiorilla, A. Nuvoli, M. Nakamura, P. Cirilli, P. Boccanera and L. Notargiacomo
- Off-mass-shell Particles and LENR 46
Mark Davidson
- Quantum Tunneling in Breather ‘Nano-colliders’ 56
V.I. Dubinko
- Final Report on Calorimetry-based Excess Heat Trials using Celani Treated NiCuMn (Constantan) Wires 68
Arik El-Boher, William Isaacson, Orchideh Azizi, Jinghao He, Dennis Pease and Graham Hubler

Integrated Policymaking for Realizing Benefits and Mitigating Impacts of LENR <i>Thomas W. Grimshaw</i>	88
Current Status of the Theory and Modeling Effort based on Fractionation <i>Peter L. Hagelstein</i>	98
Seeking X-rays and Charge Emission from a Copper Foil Driven at MHz Frequencies <i>F.L. Tanzella, J. Bao, M.C.H. McKubre and P.L. Hagelstein</i>	110
The Launch of a New Plan on Condensed Matter Nuclear Science at Tohoku University <i>Yasuhiro Iwamura, Jirohta Kasagi, Hidetoshi Kikunaga, Hideki Yoshino, Takehiko Itoh, Masanao Hattori and Tadahiko Mizuno</i>	119
Pictorial Description for LENR in Linear Defects of a Lattice <i>J. Kasagi and Y. Honda</i>	127
Effect of Minority Atoms of Binary Ni-based Nano-composites on Anomalous Heat Evolution under Hydrogen Absorption <i>A. Kitamura, A. Takahashi, R. Seto, Y. Fujita, A. Taniike and Y. Furuyama</i>	135
High-energetic Nano-cluster Plasmoid and its Soft X-ray Radiation <i>A. Klimov, A. Grigorenko, A. Efimov, N. Evstigneev, O. Ryabkov, M. Sidorenko, A. Soloviev and B. Tolkunov</i>	145
Energy Release and Transmutation of Chemical Elements in Cold Heterogeneous Plasmoids <i>A. Klimov</i>	155
Lithium – An Important Additive in Condensed Matter Nuclear Science <i>Chang L. Liang, Zhan M. Dong, Yun P. Fu and Xing Z. Li</i>	164
LENR Anomalies in Pd–H ₂ Systems Submitted to Laser Stimulation <i>Ubaldo Mastromatteo</i>	173
Cold Fusion – CMNS – LENR; Past, Present and Projected Future Status <i>Michael C.H. McKubre</i>	183
Nature of the Deep-Dirac Levels <i>Andrew Meulenberg and Jean-Luc Paillet</i>	192

Basis for Femto-molecules and -Ions Created from Femto-atoms <i>Andrew Meulenber and Jean-Luc Paillet</i>	202
Excerpts From Martin Fleischmann Letters <i>Melvin H. Miles</i>	210
High Energy Density and Power Density Events in Lattice-enabled Nuclear Reaction Experiments and Generators <i>David J. Nagel and Alex E. Moser</i>	219
Basis for Electron Deep Orbits of the Hydrogen Atom <i>Jean-Luc Paillet and Andrew Meulenber</i>	230
Research into Heat Generators Similar to High-temperature Rossi Reactor <i>A.G. Parkhomov and E.O. Belousova</i>	244
Search for Low-energy X-ray and Particle Emissions from an Electrochemical Cell <i>Dennis Pease, Orchideh Azizi, Jinghao He, Arik El-Boher, Graham K. Hubler, Sango Bok, Cherian Mathai, Shubhra Gangopadhyay, Stefano Lecci and Vittorio Violante</i>	257
Investigation of Enhancement and Stimulation of DD-reaction Yields in Crystalline Deuterated Heterostructures at Low Energies using the HELIS Ion Accelerator <i>A.S. Rusetskiy, A.V. Bagulya, O.D. Dalkarov, M.A. Negodaev, A.P. Chubenko, B.F. Lyakhov, E.I. Saunin and V.G. Ralchenko</i>	264
The Center to Study Anomalous Heat Effects [AHE] at Texas Tech University <i>Tara A. Scarborough, Robert Duncan, Michael C.H. McKubre and Vittorio Violante</i>	274
Is the Abundance of Elements in Earth's Crust Correlated with LENR Transmutation Rates? <i>Felix Scholkmann and David J. Nagel</i>	281
Impact of Electrical Avalanche through a ZrO ₂ -NiD Nanostructured CF/LANR Component on its Incremental Excess Power Gain <i>Mitchell R. Swartz, Gayle Verner and Peter L. Hagelstein</i>	287
Fundamental of Rate Theory for CMNS <i>Akito Takahashi</i>	298
Theoretical Study of the Transmutation Reactions <i>T. Toimela</i>	316
Heat Production and RF Detection during Cathodic Polarization of Palladium in 0.1 M LiOD <i>Vittorio Violante, E. Castagna, S. Lecci, G. Pagano, M. Sansovini and F. Sarto</i>	319
Electromagnetic Emission in the kHz to GHz Range Associated with Heat Production During Electrochemical Loading of Deuterium into Palladium: A Summary and Analysis of Results Obtained by Different Research Groups <i>Felix Scholkmann, David J. Nagel and Louis F. DeChiaro</i>	325

Preface

It has been a huge privilege and a source of pride to organize the 19th edition of the International Conference on Condensed Matter Nuclear Science. Held at the historic “Palazzo della Ragione” in Padua, April 13–17, 2015, ICCF-19 included over 500 registered participants from more than 29 countries, being one of the most successful conferences of this series ever.

Being the first one organized by a private company it saw the creation of “The Engineering Applications Committee” with the express purpose to encourage the generation of products derived from years of scientific research.

We had the honor to receive the High Patronage of the Office of the Prime Minister of the Republic of Italy as well as the privilege of support from the following:

- Minister of the Economic Development of the Republic of Italy.
- Italian Agency for New Technologies, Energy and Sustainable Development (ENEA).
- National Research Council of Italy (CNR).
- The International Society for Condensed Matter Nuclear Science.
- The Italian Industrial Company Association (Confindustria).
- Padua Chamber of Commerce.

We are very grateful to them and to our sponsors, the New Energy Foundation and the Sidney Kimmel Institute for Nuclear Renaissance for their help and support.

With our great pleasure and gratitude the opening day has seen as special speakers:

- Massimo Bitonci
Mayor of Padova
- Rodolfo Cetera
Vice President of Confindustria Padova
- Vincenzo Vespri
Valuator of Research & Development Project – Ministry of Instruction, University e Research
- Francesco Maria Avato
University of Ferrara
- Eugenio Grippo
Gianni, Origoni, Grippo, Cappelli & Partners Law Firm
- Tom Darden
CEO Cherokee Investment Fund
- Cerivaldo da Silva Lira
Ministry of Brasil Economic Development
- Robert V. Duncan
President of the ICCF-19 Scientific Committee – Dean of Texas Tech University

A heartfelt thanks goes to the International Advisory Committee to Michael McKubre, Vittorio Violante, Graham Hubler, and to everyone who has contributed with their own works at the research and development of this fascinating science. We hope we have given at least as much as the ICCF has given to us. The scientific results of this conference are collected in this book, a treasure of the latest research coming from all over the world that clearly exemplifies the progress made in the past decade, and that set new ambitious goals for the coming years. The target of a new, clear, safe, and sustainable source of energy is increasingly visible to all of us. The collaborations between research centers,

private companies, researchers, and universities as well as the competition between different ideas, theorems and ways of thinking are the evidence of a consolidated will to succeed.

Sincerely,

Antonio La Gatta
(*General Chair, ICCF-19, Engineer and Professor, TSEM Founder*)
May 2016