

ICCF 18

JULY 21-27, 2013
UNIVERSITY OF MISSOURI
COLUMBIA, MISSOURI USA

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Dr. Thomas Barnard

[Biography](#)

["High Energy D2 Bond from Feynman's Integral Wave Equation"](#)

Wednesday, July 24, 1:20 pm



Dr. Yury Bazhutov

[Biography](#)

["Calorimetric & Nuclear Diagnostic of Anode Plasma Electrolysis"](#)

Friday, July 26, 8:40 am

["Condensed Matter Nuclear Science – The Way Forward"](#) Panel

Friday, July 26, 9:20 am



Dr. Jean-Paul Biberian

[Biography](#)

["High Temperature and High Pressure Plasma Electrolysis Experiments"](#)

Monday, July 22, 10:50 am

["Transmutations in Biological and Chemical Systems"](#) Panel, Chair

Thursday, July 25, 10:00 am

["Condensed Matter Nuclear Science – The Way Forward"](#) Panel

Friday, July 26, 9:20 am



Dr. Alberto Carpinteri

[Biography](#)

["Hydrogen Embrittlement and Piezonuclear Reactions in Electrolysis Experiments"](#)

Thursday, July 25, 4:30 pm

University of
Missouri

PARTNERS:



Italian National Agency for New Technologies,
Energy and Sustainable Economic Development



ICCF-18 Conference
University of Missouri
Columbia, MO 65211
United States
iccf18@missouri.edu



Dr. Emanuele Castagna

[Biography](#)

[ENEA Workshop: "Electrocatalytic properties of Pd-based Nano-structured Material for Application in Fuel Cells"](#)

Wednesday, July 24, 9:30 am



Dr. Francesco Celani

[Biography](#)

["Further Progress/Developments on Surface/bulk Treated Constant Wires, for Anomalous Heat Generation by H₂/D₂ Interaction"](#)

Tuesday, July 23, 1:00 pm



Dr. Nicholas Chauvin

[Biography](#)

Entrepreneurial Efforts

Monday, July 22, 5:30 pm



Dr. Thomas Claytor

[Biography](#)

[Tritium Panel](#)

Tuesday, July 23, 9:30 am



Dr. Norman Cook

[Biography](#)

["Simulation of the Nuclear Transmutation Effects in LENR"](#)

Wednesday, July 24, 1:40 pm



Dr. Olga Dmitriyeva

[Biography](#)

["Numerical Modelling of Hydrogen/Deuterium Absorption in Transitionmetal Alloys"](#)

Tuesday, July 23, 4:50 pm

Dr. Robert Duncan



Biography

[ICCF18 Welcome Reception](#)

Sunday, July 21, 6:00 pm

Conference Welcome

Monday, July 22, 7:45 am

["Emerging Career Opportunities in CMNS" Panel](#)

Tuesday, July 23, 6:00 pm

[ENEA Workshop - "New Nuclear Phenomena in Condensed Matter Systems"](#)

Wednesday, July 24, 9:30 am



Dr. Max Fomitchev-Zamilov

Biography

Entrepreneurial Efforts

Monday, July 22, 5:30 pm



Mr. Keith Fredericks

Biography

["Possibility of Tachyon Monopoles Detected in Photographic Emulsions"](#)

Monday, July 22, 4:30 pm



Dr. David French

Biography

[LENR Introductory Short Course: Legal aspects and Intellectual Property](#)

Sunday, July 21, 3:30 pm



Dr. John Gahl

Biography

["Cross Section Measurements of Deuteron-induced Reactions"](#)

Wednesday, July 24, 6:20 pm

["Neutron and Radiation Production" Panel](#)

Thursday, July 25, 1:00 pm



Mr. Robert Godes

[Biography](#)

Entrepreneurial Efforts
Monday, July 22, 5:30 pm



Dr. Frank Gordon

[Biography](#)

["Neutron and Radiation Production" Panel](#)
Thursday, July 25, 1:00 pm



Mr. Robert Greenyer

[Biography](#)

Martin Fleischmann Memorial Project Update
Monday, July 22, 6:45 pm



Dr. Peter Hagelstein

[Biography](#)

[LENR Introductory Short Course: Theoretical Status and Challenges](#)
Sunday, July 21, 2:15 pm

["Lattice-induced Nuclear Excitation and Coherent Energy Exchange in the Karabut Experiment"](#)
Wednesday, July 24, 2:00 pm



Dr. Tatsumi Hioki

[Biography](#)

["Hydrogen Absorption Property of Pd-Doped Porous Materials"](#)
Friday, July 26, 8:00 am

Dr. Henrich Hora

[Biography](#)

["Model of Two-Picometer Deuteron Clusters for LENR Supported by Laser Emission of Nuclear Reactions Products"](#)
Friday, July 26, 8:20 am



Dr. Graham K. Hubler

[Biography](#)

[“Emerging Career Opportunities in CMNS” Panel](#)

Tuesday, July 23, 6:00 pm



[ENEA Workshop](#)

Wednesday, July 24, 9:30 am

Sidney Kimmel Institute for Nuclear Renaissance (SKINR) Overview

Wednesday, July 24, 2:20 pm

[“Neutron and Radiation Production” Panel](#)

Thursday, July 25, 1:00pm



Dr. Arnold Isenberg

[Biography](#)

[“Electrochemical-Physical Activation of Nickel-Cathode Surfaces”](#)

Monday, July 22, 11:10 am



Dr. Yasuhiro Iwamura

[Biography](#)

[“Recent Advances in Deuterium Permeation Induced Transmutation Experiments Using Nano-Structured Pd/CaO/Pd Multilayer Thin Film”](#)

Monday, July 22, 5:10 pm



Dr. Mark Johnson

[Biography](#)

[“Entrepreneurship and Innovation” Panel](#)

Tuesday, July 23, 8:00 am

Dr. Jirohta Kasagi



Biography

["New Measurement of Screening Potential by 'Cooperative Colliding Process' for the D+D Reaction in Metallic Electron Environment"](#)

Wednesday, July 24, 8:00 am



Dr. David Kidwell

Biography

["Low Energy Nuclear Reaction Research at the Naval Research Laboratory"](#)

Monday, July 22, 8:40 am



Dr. Yeong Kim

Biography

["Theoretical Analysis and Reaction Mechanisms for Experimental Results of Hydrogen-Nickel Systems"](#)

Thursday, July 25, 9:20 am



Dr. Akira Kitamura

Biography

["A Mass-Flow-Calorimetry System for Scaled-up Experiments on Anomalous Heat Evolution at Elevated Temperatures"](#)

Thursday, July 25, 10:40 am



Dr. Xing Zhong Li

Biography

["Energetic Particles Generated in Pd+D Nuclear Reactions"](#)

Monday, July 22, 1:20 pm

["Neutron and Radiation Production"](#) Panel, Chair

Thursday, July 25, 1:00 pm

["Condensed Matter Nuclear Science – The Way Forward"](#) Panel

Friday, July 26, 9:20 am

Dr. Sudarshan Loyalka



Biography

["Emerging Career Opportunities in CMNS"](#) Panel
Tuesday, July 23, 6:00 pm



Dr. Cherian Mathai

Biography

["Porous Palladium Substrates by Cosputtering and Dealloying to Enhance Hydrogen/Deuterium Loading"](#)
Tuesday, July 23, 4:30 pm



Mr. Matt McConnell

Biography

Entrepreneurial Efforts
Monday, July 22, 5:30 pm



Dr. Michael McKubre

Biography

[LENR Introductory Short Course: Pd-D Electrochemical Loading and Heat Data](#)
Sunday, July 21, 1:30 pm

[Tritium](#) Panel, Chair
Tuesday, July 23, 9:30 am

["Emerging Career Opportunities in CMNS"](#) Panel
Tuesday, July 23, 6:00 pm

[ENEA Workshop](#)
Wednesday, July 24, 9:30 am

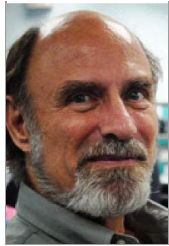


Dr. Michael Melich

Biography

[LENR Introductory Short Course: Ni-H Gas Loading and Heat Data](#)
Sunday, July 21, 9:15 am

Dr. Andrew Meulenber



Biography

["Composite Model for LENR in Linear Defects of a Lattice"](#)

Thursday, July 25, 9:00 am



Dr. George Miley

Biography

["Distributed Power Source Using Low Energy Nuclear Reactions"](#)

Tuesday, July 23, 2:00 pm



Mr. Doug Moorehead

Biography

["Entrepreneurship and Innovation"](#) Panel

Tuesday, July 23, 8:00 am



Mr. Somik Mukherjee

Biography

["Development of Pd Incorporated SWCNT Nanostructures for Enhanced Hydrogen Loading"](#)

Tuesday, July 23, 5:10 pm



Dr. David Nagel

Biography

[LENR Introductory Short Course: Introduction and Major Questions](#)

Sunday, July 21, 8:30 am

[LENR Introductory Short Course: Business Prospects and Applications of LENR](#)

Sunday, July 21, 4:15 pm

["Production and Destruction of Elements by Low Energy Nuclear Reactions"](#)

Wednesday, July 24, 1:00 pm

Dr. Sunwon Park

Biography

["Condensed Matter Nuclear Science – The Way Forward"](#) Panel



Friday, July 26, 9:20 am



Dr. Thomas Passell

[Biography](#)

[“Evidence for Oppenheimer-Phillips Reactions in Deuterated Palladium and Titanium”](#)

Thursday, July 25, 8:00 am

[“Neutron and Radiation Production” Panel](#)

Thursday, July 25, 1:00 pm



Dr. Peter Pfeifer

[Biography](#)

[“Hydrogen Storage in Engineered Carbon Nanomaterials”](#)

Wednesday, July 24, 8:30 am



Dr. Mark Prelas

[Biography](#)

[“Sporadic Neutron Production by Pressure-Loaded D/Ti Systems under High Rates of Temperature Change”](#)

Monday, July 22, 1:40 pm



Mr. Jed Rothwell

[Biography](#)

[“Lessons from Cold Fusion Archives and from History”](#)

Monday, July 22, 11:50 am

Dr. Annette Sobel

[Biography](#)

Administrative Remarks

Monday, July 22, 7:45 am



[“Emerging Career Opportunities in CMNS”](#) Panel, Chair
Tuesday, July 23, 6:00 pm



Dr. Mahadeva Srinivasan

[Biography](#)

[LENR Introductory Short Course – Transmutation Data and Issues](#)
Sunday, July 21, 10:30 am

[Tritium](#) Panel
Tuesday, July 23, 9:30 am

[“Emerging Career Opportunities in CMNS”](#) Panel
Tuesday, July 23, 6:00 pm

[“Condensed Matter Nuclear Science – The Way Forward”](#) Panel, Chair
Friday, July 26, 9:20 am



Dr. Edmund Storms

[Biography](#)

[“Explaining Cold Fusion”](#)
Monday, July 22, 9:30 am

[Tritium](#) Panel
Tuesday, July 23, 9:30am



Mr. Roger Stringham

[Biography](#)

[“Conservation of Energy and Momentum, a Cavitation Heat Event”](#)
Wednesday, July 24, 6:00 pm



Dr. Mitchell Swartz

[Biography](#)

Entrepreneurial Efforts
Monday, July 22, 5:30 pm

["Amplification and Restoration of Energy Gain Using Fractionated Magnetic Fields on ZrO₂-Pd Nanostructured CF/LANR Quantum Electronic Component"](#)

Tuesday, July 23, 1:20 pm



Dr. Akito Takahashi

[Biography](#)

["Nuclear Products of Cold Fusion by TSC Theory"](#)

Thursday, July 25, 8:40 am



Mr. Matt Trevithick

[Biography](#)

Entrepreneurial Efforts

Monday, July 22, 5:30 pm

["Entrepreneurship and Innovation"](#) Panel, Chair

Tuesday, July 23, 8:00 am

["Emerging Career Opportunities in CMNS"](#) Panel

Tuesday, July 23, 6:00 pm



Dr. James Truchard

[Biography](#)

Keynote – "The Role of National Instruments in the Global Environment"

Monday, July 22, 8:00 am

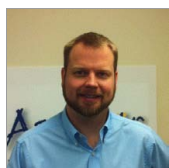


Mr. Mathieu Valat

[Biography](#)

["Celani's Wire Excess Heat Effect Replication"](#)

Tuesday, July 23, 1:40 pm



Dr. Tyler van Houwelingen

[Biography](#)

Martin Fleischmann Memorial Project Update

Monday, July 22, 6:45 pm



Mr. Diego Veneziano

[Biography](#)

[“Piezonuclear Fission Reactions Simulated by the Lattice Model”](#)

Thursday, July 25, 4:50 pm



Dr. Vittorio Violante

[Biography](#)

[LENR Introductory Short Course – Materials Status and Challenges](#)

Sunday, July 21, 11:15 am

[ENEA Workshop, Organizer: “Introductory Notes on the ENEA-University of Missouri, NRL-SRI International Research Project”](#)

Wednesday, July 24, 9:30 am

[“Condensed Matter Nuclear Science – The Way Forward” Panel](#)

Friday, July 26, 9:20 am



Dr. Vladimir Vysotskii

[Biography](#)

[“Subbarrier Processes in LENR for Particles in Correlated States at Action of Damping and Fluctuations”](#)

Monday, July 22, 1:00 pm

[“Transmutations in Biological and Chemical Systems” Panel](#)

Thursday, July 25, 10:00 am



Dr. Charles Weaver

[Biography](#)

[“Progress in Diamond Sensor Development for Use in LENR Experiments”](#)

Monday, July 22, 4:50 pm