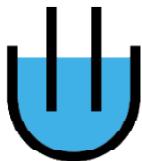




2011 LANR/CF Colloquium at MIT



Saturday and Sunday
June 11 and 12, 2011

2011 Lattice Assisted Nuclear Reaction/Cold Fusion Colloquium at MIT

Science and engineering of cold fusion, also known as LANR, LENR, and CMNS.

Where: Massachusetts Institute of Technology, Cambridge, MA

When: Saturday and Sunday, June 11 and 12, 2011

Tentative speakers and/or their work to be discussed include:

Peter Hagelstein, Mitchell Swartz, Brian Ahern,

Pam Boss, Scott Chubb, Tom Claytor, John Dash,

Larry Forsley, Russ George, Yeong Kim, Xing Zhong Li,

Jan Marwan, George Miley, Clint Seward, Robert Smith,

Fran Tanzella, and others.

Possible target Topics of this Colloquium this year (still developing).

1. CF/LANR Materials

Nano-, Pycno-, Materials and the Role(s) of LANR crystal lattice size

Pd, Ti, Ni, Hydrides and Deuterides in LANR Systems

New Metallic/Dielectric Very High Loaded Nanomaterials

ZrO₂-nanostructured dielectrics and PdNi alloys in LANR

Metamaterials for Flux Control in LANR

Applied Electric and Magnetic fields in LANR

Spillover catalysis and Spillover effects

2. CF/LANR Systems

Pd, and Pd-Ti Heavy Water LANR Systems

Ni Ordinary Water, and D₂O Doped LANR Systems

The Three Types of Codeposition LANR Systems

Gas Loaded LANR Systems

Ultrasound driven LANR Systems

Mixed Driven Nanomaterial LANR Systems

3. CF/LANR Triggering

Theories Clarifying CF/LANR

Triggering, Activation and Quenching of CF/LANR Reactions

Coupled nuclear excited states through solid-state lattice interactions

Phonon Interactions in LANR Materials and Their Role in Coupling

Deuteron flux effects Impacting Codeposition, LANR efficiency, and Irradiation- and H-field Response

Electrical Activation – Hyperdrive, Superwave, LANR Reaction Control

Irradiation in LANR - Near IR, Single and Dual Photon, Ionizing

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(Continued)

4. CF/LANR Excess Heat and Other Products

Thermal Studies of Hydrided and Deuterated LANR Metals and Alloys
Strategies for Improving Power Gain in LANR
Optimal Operating Point Control of LANR/CF Reactions
Heat after death and its time derivative (Tardive Thermal Power)
Energy Gain in LANR/CF Reactions
Neutron and other Emissions from LANR systems
Role of Radon in LANR Remediation Investigations

5. CF/LANR Applications

LANR Sterling and Electric Engines
LANR Electricity Production
Off-world and Unexpected LANR Uses

6. CF/LANR Business Issues

Business Issues Facing CF/LANR Research and Development
HeavyWaterGate - The Continuing War on Cold Fusion and Its Researchers
Patent/IP/Publication Obstruction by the US PTO, APS and DOE

Tribute to John Alfred Thompson

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LANR/CF for two days of scientific discussion led by the innovative leaders in shared collaboration to develop understanding of the science and engineering of lattice assisted nuclear reactions.

Space is limited.

Prior registration is absolutely required.

There will be an attendance fee this year
for the continental breakfast and beverages over two days
and Saturday lunch. More details will be available at a later time.

Visit <http://world.std.com/~mica/colloq2011.html> for more information.

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Organizers:

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Summary of the past CF/LANR Colloquia at MIT

2010 Colloquium on LANR at MIT (pdf file)
<http://www.infinite-energy.com/images/pdfs/Colloquium2010.pdf>
2010: <http://world.std.com/~mica/colloq5w2.jpg>
2009: <http://world.std.com/~mica/colloq09.html>
2007: <http://www.infinite-energy.com/iermagazine/issue75/colloquium.html>
<http://www.strategykinetics.com/2007/08/cold-fusion-red.html>
2005: <http://world.std.com/~mica/colloq.html>