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/iemagazine/issue75/colloquium.html
http://www.strategykinetics.com/2007/08/cold-fusion-red.html
2005: http://world.std.com/~mica/colloq.html