

Updated on 15th January 2011

ICCF 16 : TENTATIVE CONFERENCE PROGRAMME

<u>DAY 1</u>	<u>MONDAY</u>	<u>7TH FEBRUARY 2011</u>
08.00	Registration	
09.30	Inaugural Session	: <i>Welcome Speeches; Inauguration by Dr.S.Banerjee, Chairman AEC and Secretary, DAE</i>
10.45	Coffee Break	
11.10	Session 1	Plenary Session
11.10	Ov 01 : M.McKubre	: <i>“What is needed in LENR/FPE studies”</i>
11.30	Ov 03 : E.Storms	: <i>“The Status of Cold Fusion”</i>
	Ov 02 :	: <i>“What is Real about Cold Fusion and What Explanations are Plausible?”</i>
12.00	Country summaries	: <i>Present Status of LENR (7 mins each)</i>
	E.Storms	: <i>USA (Will be covered in previous talk)</i>
	X.Z.Li	: <i>China</i>
	I.Goryachav	: <i>Russia</i>
	Bill Collis	: <i>Italy</i>
	Kitamura	: <i>Japan</i>
12.30	GL 01 : Y. Arata	: <i>Keynote Address “Update on Nano Powder Approach to Solid Fusion”</i>
13.00	Lunch Break	
	Session 2	Gas Loading - I
14.15	GL 02 : A.Takahashi	: <i>“Modeling Anomalies in Nano-Palladium D(H)-Gas Loading Experiments”</i>
14.40	GL 04 : M.A.Imam	: <i>“Fabrication, Characterization, and Evaluation of Arata Style Alloys”</i>
15.05	GL 05 : D.A.Kidwell	: <i>“Is the Excess Heat from Gas Loading Consistent with D-H Exchange?”</i>
15.30	GL 09 : E.Storms	: <i>“Examination of errors that occur when using a gas- filled calorimeter”</i>
16.00	Coffee Break	

Session 3

Gas Loading - II

- 16.15 GL 12 : F.Celani : *“Flow Calorimetric Measurements of Interaction of H₂, D₂, He with Nanocoated Wires of Ni and Pd-Alloy at Temperatures upto 850 °C”*
- 16.40 GL 07 : Q.M.Weii : *“Excess Heat in a Long Thin Palladium Tube at Room Temperature using Gas-Loading Method”*
- 17.05 GL 08 : J.Tian : *“Excess Heat Triggering by Pumping Effect in a H-Pd Gas Loading System”*
- 17.30 GL 11 : S.Tsvetkov : *“Initiation of the Cold Fusion Reactions by the Air Components*
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DAY 2

TUESDAY

8TH FEBRUARY 2011

Session 4

Electrolysis - I

- 08.30 EL 01 : I.Dardik : *“The Theoretical Basis of SuperWaving LENR”*
- 08.55 EL 03 : F.Tanzella : *“Stimulation of PdDx Wires at Cryogenic Temperatures”*
- 09.20 EL 04 : S.Chubb : *“Magnetic Field Triggering of Excess Power in Deuterated Palladium”*
(To be presented by M.Melich)
- 09.45 EL 05 : M.Miles : *“Electrochemistry and Calorimetry of Ruthenium Co-Deposition”*
- 10.10 EL-11 : M.A.Imam : *“Metallurgy and Calorimetry of Pd-B and Pd-Ce-B Materials”*
- 10:35 Coffee Break

Session 5

Electrolysis - II

- 10.50 EL 06 : A.B.Karabut : *“Excess Heat Power Registration In Experiments With High Voltage Electrolysis Cell”*
- 11.15 EL 07 : W.S.Zhang : *“Progress of Reproduction of Excess Heat in Pd/D₂O+D₂SO₄ Electrolytic Cells”*
- 11.40 EL 08 : J.Tian (Cancelled ?) : *“The Observation of Abnormal Phenomena in a Pt(H)/K₂CO₃/Pd System during its Electrolysis and Triggered by an Ultrasonic Wave Generator”*
- 12.05 EL 09 : Y.Bazhutov : *“Calorimetric & Nuclear Phenomena in Anode Plasma Electrolysis”*
- 12.30 EL 10 : B.P.Roarty : *“Protocol for a Silicate-based LENR Using Electrodes of Various Metals”*
- 13:15 Lunch Break

14.30 Session 6 Poster Session

Coffee will be served at Poster session venue

- GL 03** : O.Dimitriyeva : *“Mechanisms for heat generation during deuterium and hydrogen loading of palladium nanostructures”*
- GL 06** : D.A.Kidwell : *“Nuclear “Ash” and Particle Detection in Gas Loading Experiments”*
- GL 10 : G.V.Tarasenko : *“Cold nuclear fusion in the earth’s crust”*
- EL 12 : M.Miles : *“Investigations of Possible Shuttle Reactions in Co-Deposition Systems”*
- EL 13 : M.Miles : *“New Analysis of MIT Calorimetric Errors”*
- EL 15 : F.Scholkman : *“Statistical Analysis of Diurnal Variations in an LENR Experiment*
- Th 02 : S. Chubb : *“Role of Crystal Size, Electromagnetic Fields, and Deuterium Flux in Triggering Excess Power in PdD”*
- Th 09 : V.I.Vysotskii : *“The Physical Reasons of Existence of Large-Size Neutron-Nucleus Molecules and Related Anomalies of Long-Distance Low Energy Fusion and Fission”*
- Th 10 : F.Frisone : *“Nuclear Exothermic Reactions in lattices Pd: A Theoretical Study of d-d Reaction”*
- Th 11 : Y.N.Bazhutov : *“Erziotriton & Cold Nuclear Transmutation Cursed by it”*
- Th 13 : R.C.Gupta : *“Possible Explanation for How Coulomb’s Repulsion is Overcome in Cold-Fusion”*
- Th 14 : R.C.Gupta : *“Possibility of Nuclear-Fusion Occurring during Arc-Welding”*
- Th 15 : V.Godbole : *“Deuteron fusion using Pb nanoparticles”*
- NP 06 : R.Stringham : *“Cavitation BEC Compression Pulse Explains Experimental Results”*
- Tr 06 : Y.N.Bazhutov : *“Observation of Pits and Pit Swarms in Plastic Solid-State Detectors Exposed in Space and their Erzion Interpretation”*
- Mt 05** : E.Castagna : *“Correlation Between Surface Properties and Anomalous Effects in F & P Experiments”*
- ET 04 : I.Goryachav : *“Technology of Wasteless Low Cost Desalinating Sea Water Based on Low Energy Transmutation of Chemical Elements”*
- ET 05 : D.J.Nagel : *“Hot and Cold Fusion for Energy Generation”*

16.00 ISCMNS Annual Business Meeting

17.45 Departure for Kalakshetra (at Tiruvanmiyur)

18.45 Cultural Programme at Kalakshetra

21.00 Return to Hotels

DAY 3 WEDNESDAY 9TH FEBRUARY 2011

Session 7 Theory - I

- 08.30 Th 01 : P.Hagelstein : *“Modeling excess heat in the Fleischmann-Pons experiment”*
08.55 Th 03 : N.Cook : *“Simulation of Palladium Fission Products Using the FCC Lattice Model”*
09.20 Th 04 : K.P.Sinha : *“Quantum-Correlated Fluctuations, Enhanced Tunneling and Low-Energy Nuclear Reactions in Condensed Matter (Alloys)”*
09.45 Th 05 : A.Meulenberg : *“From the Naught Orbit to He⁴ Ground State”*
10.10 Th 06 : J.Dufour : *“Introduction to pico-chemistry and experimental approach”*

10.35 Coffee Break

Session 8 Theory - II

- 10.50 Th 07 : V.Dallacasa : *“Localization Effects of Low-Energy Deuterons in a Lattice”*
11.15 Th 08 : V.Vysotskii : *“Low Energy Sub-barrier Correlated Nuclear Fusion In Dynamical Systems”*
11.40 Th 12 : A.Lakshmanan : *“Compatibility of Ionic Crystal Lattice Assisted Fusion and Thermonuclear Fusion”*

12.05 Early Lunch Break

13.15 Departure of bus : *“Sightseeing trip to Mamallapuram & Dakhsin Chitra*

19.30 Dinner Meeting : International Advisory Committee (Invitees only)

DAY 4 **THURSDAY** **10TH FEBRUARY 2011**

Session 9

Nuclear Particle Measurements

- 08.30 NP 01 : J.Kasagi : *“Dynamical screening effect on α -decay in metal during deuteron beam bombardment”*
- 08.55 NP 02 : I.Chernov : *“Fusion Deuterium Nuclei in TiD Systems Stimulated by X-rays”*
- 09.20 NP 03 : A.B.Karabut : *“Research into Excited Long Lived 0.6 - 6.0 Kev Energy Levels in The Cathode Solid Medium of Glow Discharge by X-Ray Spectra Emission”*
- 09.45 NP 04 : A.Manuello : *“Neutron Emission Measurements During Loading Tests on Solid Specimens and Confirmations by EDS Analysis”*
- 10.10 NP 05 : A.Petrucci : *“Piezonuclear neutrons and transmutations in iron bars treated by ultrasounds”*
- 10:35 Coffee Break

Session 10

Transmutations and Hot Spots

- 10.50 Tr 01 : Y.Iwamura : *“Recent Advances in Deuterium Permeation Transmutation Experiments”*
- 11.15 Tr 02 : J.Dash : *“Characterization of Cathodes Before and After Electrolysis”*
- 11.40 Tr 03 : M.Valat : *“Pd Isotopic Variations After LENR Experiment”*
- 12.05 Tr 04 : D.Nagel : *“Craters in LENR Experimental Materials”*
- 12.30 Tr 05 : I.Savvatimova : *“Stimulation of Low-Energy Nuclear Reactions in the Gas Discharge”*
- 13:00 Lunch

Session 11

Materials

- 14.15 Mt 01 : A.Kitamura : *“Characterization of Pd×Ni×Zr Oxide Compounds”*
- 14.40 Mt 02 : Y.Miyoshi : *“Effect of Forced Oxidization on Hydrogen Isotope Absorption/Adsorption Characteristics of Pd.Ni.Zr*
- 15.05 Mt 03 : D.D.Dominguez : *“Are Oxide Interfaces Necessary for LENR?”*
- 15.30 Mt 04 : V.Violante : *“The study of the Fleischman & Pons effect through the materials science development”*
- 16.00 Coffee Break

Session 12 Electrolysis - III

- 16.15 EL 02 : R.Johnson :*"The Evidence for the Fleischmann-Pons Effect"*
- 16.40 EL 14 : D.S.Baranov :*"Production of Neutron-rich Bi Isotopes and Hypothesis about Formation and Decay of the Long-living Nuclear Molecules"*
- 17.05 Slot Available : To be decided

19:30 Conference Banquet ("Southern Crown Hall" , GRT Grand Hotel)

DAY 5 FRIDAY 11TH FEBRUARY 2011

Session 13 Engineering &Technology

- 08.30 ET 01 : D.L.Knies :*"Robust Performance Validation of LENR Energy Generators"*
- 08.55 ET 02 : D.Nagel :*"Optimization of LENR Energy Generators"*
- 09.20 ET 03 : I.Goryachev :*"Technology of Environmentally Clean Remediating Radioactive Waste Based on Low Energy Transmutation of Radioactive Nuclides"*
- 10:00 Coffee Break
- 10.30 Conference summary
- 11.00 Concluding Session
- 11.30 ICCF 16 Conference concludes