

Updated on 15<sup>th</sup> January 2011

## ICCF 16 : TENTATIVE CONFERENCE PROGRAMME

<u>DAY 1</u>	<u>MONDAY</u>	<u>7<sup>TH</sup> 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 H<sub>2</sub>, D<sub>2</sub>, He with Nanocoated Wires of Ni and Pd-Alloy at Temperatures upto 850 °C”*
- 16.40 GL 07 : Q.M.Wei : *“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

8<sup>TH</sup> 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/D<sub>2</sub>O+D<sub>2</sub>SO<sub>4</sub> Electrolytic Cells”*
- 11.40 EL 08 : J.Tian (Cancelled ?) : *“The Observation of Abnormal Phenomena in a Pt(H)/K<sub>2</sub>CO<sub>3</sub>/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      9<sup>TH</sup> 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 He<sup>4</sup> 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)
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**DAY 4**      **THURSDAY**      **10<sup>TH</sup> FEBRUARY 2011**

**Session 9**

**Nuclear Particle Measurements**

- 08.30 NP 01 : J.Kasagi      : *“Dynamical screening effect on  $\alpha$ -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)

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**DAY 5                      FRIDAY                      11<sup>TH</sup> 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