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Souhail Al-Abed

Sunday, March 27, 2011

Oral presentation

New Energy Technology - AM Session

Theoretical Approach to LENR/Cold Fusion

Location: Sheraton Park Hotel at the Anaheim Resort

Room: Park Blrm D

Organizers: Jan Marwan

Presiders: Jan Marwan

Duration: 8:30 am - 12:15 pm

Pres Time	Pub #	Presentation Title
8:30 am		Introductory Remarks
8:40 am	9	From PdD lattice sites to the ^4He ground state <u>Dr. Andrew Meulenberg</u> , Prof. K. P. Sinha PhD
9:00 am	10	Application of correlated states of interacting particles in fusion experiments in nonstationary systems at low energy <u>Prof. Vladimir Vystskii</u> , Dr. Stanislav Adamenko
9:20 am	11	Potential roles of crystal size and external electromagnetic fields in triggering cold fusion excess heat <u>Dr. Scott R. Chubb</u> PhD
9:40 am	12	Phenomenology of nanoparticle/gas-loading experiments <u>Prof. Akito Takahashi</u> , Prof. Akira Kitamura, Yuki Miyoshi, Hideyuki Sakoh, Akira Taniike, Reiko Seto, Yushi Fujita

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10:20 am		Intermission
10:35 am	13	Mechanisms for heat generated during deuterium loading of alumina-based Pd nanoparticle material <u>Olga Dmitriyeva</u> , Richard Cantwell, Matt McConnell, Garret Moddel
10:55 am	14	Low energy 6Li+d reaction with liquid Li target: Screening effects due to electrons and ions <u>Professor Jirohta Kasagi</u>
11:15 am	15	Progress in modeling excess heat in the Fleischmann-Pons experiment <u>Professor Peter L Hagelstein PhD</u> , Professor Irfan U Chaudhary PhD
11:35 am	16	From hot fusion to cold fusion: Theory and experiments Associate Professor Zhan M. Dong PhD, Assistant Professor Chang L. Liang PhD, Student Han Yi, Professor Jin Z. Yu PhD, <u>Professor Emeritus Xing Z. Li PhD</u> , Dr. Thomas O. Passell PhD, Senior Engineer Zheng Z. Li
11:55 am	17	Study of the tunneling effect within lattices with cubic structure on varying temperature <u>Prof Fulvio Frisone PhD</u>

ENVR

Souhail Al-Abed

Sunday, March 27, 2011

Oral presentation

New Energy Technology - PM Session

Excess Heat/Power Calorimetry and Nuclear Particle Production

Location: Sheraton Park Hotel at the Anaheim Resort

Room: Park Blrm D

Organizers: Jan Marwan

Presiders: Jan Marwan

Duration: 1:30 pm - 5:35 pm

1:30 pm	25	Nuclear reaction during electrolysis <u>Prof Richard Oriani PhD</u>
1:50 pm	26	Nanostructured ZrO ₂ -PdNiD: Electrical behavior and avalanche breakdown <u>Mitchell R Swartz ScD, MD</u> , Brian S Ahern PhD
2:10 pm	27	Ultrasonic and electric activation of nanostructured ZrO ₂ -PdNiD <u>Mitchell R Swartz ScD, MD</u>
2:30 pm	28	Modes of excess heat production in the Fleischmann-Pons Effect <u>Dr Michael C H McKubre PhD</u> , Dr Francis Tanzella PhD
2:50 pm	29	Comparison of calorimetry: MIT and Fleischmann-Pons systems <u>Dr. Melvin H. Miles PhD</u> , Professor Peter Hagelstein PhD
3:10 pm	30	Electrochemical co-deposition of ruthenium in H ₂ O and D ₂ O systems <u>Dr. Melvin H. Miles PhD</u>
3:30 pm		Discussion
3:45 pm		Intermission
3:55 pm	31	Hydrogen isotope gas absorption/adsorption characteristics of Pd nanopowders <u>Prof. Akira Kitamura PhD</u>
4:15 pm	32	Comparison of DT- generated and Pd/D co-deposition triple tracks in CR-39 detectors <u>Dr. Pamela A. Mosier-Boss</u> , Mr. Lawrence P.G. Forsley, Mr. Mark S. Morey, Dr. James R. Tinsley, Mr. John P. Hurley, Mr. Pierre Carbonnelle, Dr. Frank E. Gordon
4:35 pm	33	Comparison of three methods of analyzing nuclear tracks observed in CR-39 detectors used in Pd/D co-deposition experiments <u>Lawrence P Forsley</u> , Dr. Pamela Mosier-Boss PhD, Dr. Francis Tanzella PhD, Dr. Andrei Lipson PhD, Dr. Dazhuang Zhou PhD, Dr. Alexi Roussetski PhD, Dr. Michael McKubre PhD
4:55 pm	34	Search for charged particle emissions resulting from Pd-D Co-Deposition <u>Richard Cantwell</u> , Matt McConnell
5:15 pm	35	Nuclear transmutation effects after exposing electrodes to electricity <u>Matthias Grabiak</u>

Oral presentation

New Energy Technology - AM Session

New Energy Perspectives

Location: Sheraton Park Hotel at the Anaheim Resort

Room: Park Blrm D

Organizers: Jan Marwan

Presiders: Jan Marwan

Duration: 8:30 am - 11:50 am

Pres Time	Pub #	Presentation Title
8:30 am	44	Open gate phenomenon: A basis for new energy technologies <u>Susan Taft</u> , Dr. Jan Marwan PhD
8:50 am	45	Electrochemical and electron probe microanalysis measurements on nanostructured palladium <u>Dr Jan Marwan PhD</u> , Vanessa Rackwitz MSC
9:10 am	46	Van der Waals force manipulation in semiconducting nanocavities as a novel approach to efficient, multi-source energy harvesting <u>Dr. Fabrizio Pinto</u>
9:30 am	47	Unknown features of distant low energy neutron-nucleus interaction: The problem of neutron-nucleus molecules existence and anomalies of low energy neutron-induced reactions <u>Prof. Vladimir Vystskii</u> , Mykhaylo Vysotskyy
9:50 am		Intermission
10:05 am	48	Experimental investigation of a new energy technology using magneto acoustic resonance and magnetic force microscopy <u>Dr. Thorsten Ludwig</u>
10:25 am	49	Using quantum field energy and magnetic properties for energy conversion <u>Dr. Thorsten Ludwig</u>

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10:45 am	50	Helium and energy measurements from exploding PdD _x wires at 77°K Francis Tanzella PhD , Michael McKubre PhD, Jianer Bao PhD
11:05 am	51	Dehydrohalogenation of strongly adsorbed 1,1,2,2-tetrachloroethane Dr. Chengdong Zhang , Hao Tang, Haonan kong
11:25 am	52	Bose Einstein Condensate cluster, high density and Tc: Picosecond heat production Roger S. Stringham
11:45 am		Concluding Remarks

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Souhail Al-Abed

Wednesday, March 30, 2011

Poster presentation

New Energy Technology - EVE Session

Location: Anaheim Convention Center

Room: Hall B

Organizers: Jan Marwan

Duration: 6:00 pm - 8:00 pm

Pub #**Presentation Title**

269	Kinetic and memory effects of methane hydrate by chemical inhibitors Hye Ok Park , Ju Dong Lee PhD , Won Sik Shin PhD
270	Morphological and electrochemical properties of carbon nanotubes-polymer composites electrolyte for dye sensitized solar cells Dr. M. Shaheer Akhtar PhD , Mr. Santi Kongmany, Mr. Do Hwan Kwak, Mr. Dong Min Park, Prof. O-Bong Yang PhD
271	Phytoremediation trials for Cd ⁺² with <i>Rubia Tinctorum</i> Student Raymond Guzman , Student Aixa Acosta MD, Profesor Lolita Rodriguez MD, Profesor Fernando Souto PhD

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