

Scientific Session Program

26-Apr-2025

25(Sun)

17:00-19:00		Registration	
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26(Mon)

9:00-9:30		Registration	
9:30-9:40		Opening	Shinya Narita

session 1			
9:40-10:20	26a-1	Overview of LENR Science and Business in the United States	David Nagel
10:20-11:00	26a-2	LENR research in Europe	Alan Smith / Maurizio Maggiore
11:00-11:40	26a-3	Current Status of Research and Development of Condensed Matter Nuclear Science in Japan	Yasuhiro Iwamura
11:40-12:05	26a-4	Results of the European CleanHME Project	Konrad Czerski

(lunch)

session 2			
14:00-14:25	26p-1	High Temperature LEC experiments	Jean-Paul Biberian
14:25-14:50	26p-2	Measurement of radiant spectrum for excess heat generation in NiCu thin film during hydrogen gas desorption	Jirohta Kasagi
14:50-15:15	26p-3	Detections of He-3 in Cu-Ni/ZrO ₂ samples after anomalous heat generation experiments	Masato Kanasaki
15:15-15:40	26p-4	Tracks on CR-39 from the SPAWAR co-dep experiment	Duhan Zhang

(break)

session 3			
16:10-16:35	26p-5	The Explanation for Mysteries in E-Cat Presentations and Applications	Vladimir Vysotskii
16:35-17:00	26p-6	Replication of Low-Energy Nuclear Reaction in Water	Bin-Juine Huang
17:00-17:25	26p-7	Neutron flux measurements in D ₂ O electrolysis experiments	Ankit Kumar
17:25-17:50	26p-8	Geant4 Monte-Carlo Simulations of Neutron Behavior in a Typical Electrolytic LENR Apparatus	Lynn Bowen

19:00-20:30		Welcome Reception	
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27(Tue)

<i>session 4</i>			
9:10-9:35	27a-1	Progress on a model for anomalies in Condensed Matter Nuclear Science	Peter L. Hagelstein
9:35-10:00	27a-2	Status of the Project on Using Modern AI Tools for LENR Research	Anasse Bari
10:00-10:25	27a-3	Dicke-Enhanced ⁵⁷ Fe Nuclear Supertransfer and Implications for Solid-State Nuclear Reactions	Jonah Messinger

(break)

<i>session 5 (industrial session)</i>			
10:55-11:15	27a-4	Development of Quantum Hydrogen Energy and its practical applications	Masami Hayashi
11:15-11:35	27a-5	Waste heat power generation using Z Mechanism air expander	Yutaka Yoshizawa
11:35-11:55	27a-6	The ENG8 EnergiCells	Haslen Back
11:55-12:15	27a-7	Advancements in Low Energy Nuclear Reactions (LENR) for Sustainable and Efficient Energy Production	Siddhartha Durairajan

(lunch)

<i>session 6</i>			
14:00-14:25	27p-1	Hot spots and melted regions observed during anomalous heat generation using nanostructured Ni composites and hydrogen	Yasuhiro Iwamura
14:25-14:50	27p-2	Anomalous Heat Effects via Longitudinal and Transversal Excitations in Constantan Wires: Advances in Electromigration and Plasma Generation	Francesco Celani
14:50-15:15	27p-3	Heat Measurement in Hydrogen Absorption into Metal Composite Powder and Thin Films	Tomoki Kawarada
15:15-15:40	27p-4	An XAFS study on the surface structure after anomalous heat generation experiments using a material system of Ni-Cu multilayer on Ni substrate	Tatsumi Hioki

(break)

16:00-17:30		Poster 1	
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17:30-18:30		ISCMNS general meeting	
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28(Wed)

<i>session 7</i>			
9:10-9:35	28a-1	A New Understanding of Cold Fusion Based on the Observed Behavior	Edmund Storms
9:35-10:00	28a-2	Reactor Model Leveraging Arrhenius Equation Quantifies LENR Ignition Conditions	Robert Kimball
10:00-10:25	28a-3	Multiple Scattering, Quantum Flux and Quantum Hydrogen Energy	Xingzhong Li

(break)

<i>session 8</i>			
10:45-11:10	28a-4	Review of LENR Experiments with Titanium	David Nagel
11:10-11:35	28a-5	Investigation the impact of temperature and atmosphere on the microstructure and excess heat of Pd-Ni-Zr alloys	Hui Zhao

(lunch)

13:00-18:00		Excursion (Bus tour to the world heritage Hiraizumi)	
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19:00-21:00		Banquet	
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29(Thu)

<i>session 9</i>			
9:10-9:35	29a-1	Anomalous temperature increases in Cu nano particles exposed to colliding pulsed super-multi-jets of hydrogen gas	Takuma Kado
9:35-10:00	29a-2	Boosting the interaction between Pd and H ₂ /D ₂ via atom-stepped interfaces	Yanxia Liang
10:00-10:25	29a-3	Changes in the excess heat from Cu-Ni/ZrO ₂ samples with their initial calcination conditions	Masahiko Hasegawa

(break)

<i>session 10</i>			
10:55-11:20	29a-4	Collective Oscillations of Protons in Hydrogen-loaded Metals	Giovanni Modanese
11:20-11:45	29a-5	Evolution of the Lattice Energy Converter	Frank Gordon
11:45-12:10	29a-6	A No-Loss Air-Flow Calorimeter	Jacques Ruer

(lunch)

<i>session 11</i>			
14:00-14:25	29p-1	Nuclear Transmutations to Nuclei with Magic Numbers Induced by Deuterium Permeation through Pd/CaO Multilayer Films	Shunji Tsuji-Iio
14:25-14:50	29p-2	High Incremental Power Gain Is The Future of CF/LANR	Mitchell R. Swartz
14:50-15:15	29p-3	Transmutations in Light Water Electrolysis and Hydrogen Gas Loading Experiments	Monu Kumawat
15:15-15:40	29p-4	Research Funding via ISCMNS Project Pathway and LENR-DAO	Alan Smith

(break)

16:00-17:30		Poster 2	
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30(Fri)

<i>session 12</i>			
9:10-9:35	30a-1	D+D fusion at thermal energy	Aleksandra Cvetinović
9:35-10:00	30a-2	Hydrino Mediated Nuclear Reactions: Search for Experimental Evidence and Implications	Raj Pala
10:00-10:25	30a-3	Temperature Effects and Transmutations with High Frequency Induction	Winzeler Heinz B.

(break)

<i>session 13</i>			
10:55-11:20	30a-4	Design Tool of LENR Reactor Using Linear Flow Network Analysis	Mou-Yung Liao
11:20-11:45	30a-5	Difference in the physical mechanisms of both cold nuclear fusion and thermonuclear fusion	Dimiter Alexandrov
11:45-12:10	30a-6	A Modular Platform for Pd and Ti Gas-Loading Experiments with Real-Time Radiation Detection and Comprehensive Surface Mapping	Florian Metzler

12:10-12:30		Closing	
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