

Workshop Program - Presentations and Papers

Poster Papers

Posters	A bronze medal for the best poster paper was presented to Alessandro Marmigi.
Hugo Leon	Recent Results from X-ray Emission Pulse Loaded Pd-D p20 LeonHrecentresultsfr.ppt
Mark Tsirlin	Specific phenomena during deuterium absorption in palladium, using SuperWave modulated loading p21 TsirlinMspecificphen.ppt
Antonio Spallone	A Review of Experimental studies about Hydrogen over-loading in Palladium wires (H/Pd > 1) p26 SpalloneAareviewofex.ppt
Francesca Sarto	Microscopic characterization of palladium electrodes for cold fusion experiments p38 SartoFmicroscopiccha.ppt
Vladimir Vysotskii	Accelerated Deactivation Of Reactor Cs-137 Isotope In Growing Biological Cells p33 VysotskiiVaccelerate.ppt
Vladimir Vysotskii	Investigation Of Light Magnetic Monopoles And Observation Of Monopole Nuclear Catalysis p14 VysotskiiVinvestigat.ppt
William Collis	Improvements to the Erzion Model p10 CollisWimprovementst.ppt
Xingzhong Li	Selective Resonant Tunnelling Coulomb Barrier by Confined Charged Particles in Lattice Well p28 LiXselectiveresonant.ppt
Fangil Gareev	Quantization of Atomic and Nuclear Rest Masses p7 GareevFquantizationo.ppt
Irina Savvatimova	Gamma Emission In Tungsten During And After Deuterium Glow Discharge p41 Savvatimovalgammaemi.ppt
Paolo Tripodi	Some consideration on the PdHx relative resistance versus x p35 TripodiPsomeconsider.ppt
Rick Cantwell	Update on Experimental Results at Coolecence, LLC p22 CantwellRupdateonexp.ppt
Amini Farzan	Hydrogen Generation by Cold Fusion Process in Hydro Machinery p42 FarzanAhydrogengener.ppt
Larry Forsley	Field Assisted Electroplating p45 ForsleyLfieldassiste.ppt
Ben Filimonau	Why do condensed matter nuclear reactions occur? p53 FilimonauBwhydoconde.ppt
Dimiter Alexandrov	Electrical properties of deuterium positive ions incorporated in structures of disordered solids AlexandrovDelectrica.ppt

- Alexander Karabut Research into Low Energy Nuclear Reactions in Electric Discharge Systems Experiments with Hydrogen / Deuterium Loaded Metals Cathodes [p27](#) [KarabutAresearchinto.ppt](#)
- Gennadiy Tarasenko Forming the cool nucleus syntheses (ICCF) in terrestrial cortex on base the electro-category [p4](#) [TarasenkoGformingthe.ppt](#)
- Qing M. Wei ToF-SIMS Analysis on the Surface Layer of Pd and Pd-Y Alloy Permeated by Deuterium Flux [p30](#) [WeiQtofsimsanalysisiso.ppt](#)

Saturday 13 October 2007

- 17:30 Registration Sala Sestante
- 20:00 **Welcome Reception and dinner (swimming pool)**

Sunday 14 October

- 08:00 Registration Sala Sestante
- 09:00 William Collis Opening Address [p3](#) [CollisWopeningadres.ppt](#)
- 09:30 George Miley The Preparata Lecture [p11](#) [MileyGthepreparatale.ppt](#)
- 10:00 Scott Chubb Roles of Approximate Symmetry and Finite Size in the Quantum Electrodynamics of Condensed Matter Nuclear Science [p17](#) [ChubbSrolesofapproxippt](#)
- 10:30 John Fisher Overview of Polyneutron Theory [p19](#) [FisherJoverviewofpol.ppt](#)
- 11:00 **Coffee**
- 11:30 Paolo Tripodi PdH(D,T)x system: Are excess of enthalpy and superconductivity concurrent phenomena affected by stoichiometry? [p35](#) [TripodiPpdhdtxsystem.ppt](#)
- 12:00 Alessandro Marmigi Anomalous heat generation by surface oxidized Pd wires in a Hydrogen atmosphere [p48](#) [MarmigiAanomaloushea.ppt](#)
- 12:30 Edmund Storms Anomalous Radiation Produced by Glow Discharge in Low-Pressure Deuterium Gas [p9](#) [StormsEanomalousradi.ppt](#)
- 13:00 **Lunch**
- 14:30 Irina Savvatimova Transmutation In Tungsten Irradiated By Low Energy Deuterium Ions [p25](#) [Savvatimovaltransmut.ppt](#)
- 15:00 Francesco Celani High temperature experiments, by differential reactor, on Deuterium absorbed by HSA Pd_black or Al2O3-Pd-Sr(NO3)2 nanopowder [p40](#) [CelaniFhightemperatu.ppt](#)

- 15:30 Ivan Chernov Excitation of Hydrogen Sub-system in Metals by External Influence
[Chernovexcitationof.ppt](#)
- 16:00 **Coffee**
- 16:30 Akito Takahashi ISCMNS Annual General Meeting [TakahashiAiscmnsannu.ppt](#)
- 17:00 William Collis AGM. Chief Executive's Report [CollisWagmchiefexecu.ppt](#)
- 17:30 Jean Paul Biberian AGM. JCMNS. Status of the Journal of Condensed Matter Nuclear Science
- 20:00 **Dinner**

Monday 15 October

- 09:00 Fulvio Frisone Hypothesis Of A Double Barrier Regarding The D-D Interaction In A Pd Lattice [p32](#)
[FrisoneFhypothesisof.ppt](#)
- 09:30 Fangil Gareev Common Mechanism of Superconductivity, Superfluidity, Integer and Fractional Hall Effects, and Cold Fusion [p8](#) [GareevFcommonmechani.ppt](#)
- 10:00 Akito Takahashi Dynamics and Fusion Rates of 4D/TSC by Langevin Equation [p5](#)
[TakahashiAdynamicsan.ppt](#)
- 10:30 Yuri Bazhutov Erzion model predictions and their confirmation in experiments [p15](#)
[BazhutovYerzionmodel.ppt](#)
- 11:00 **Coffee**
- 11:30 Shaul Lesin Report on Electrolysis Experiments at Energetics Technologies [p12](#)
[LesinSreportonelectr.ppt](#)
- 12:00 Mike McKubre From Cold Fusion to Condensed Matter Nuclear Science [p23](#) [McKubreMfromcoldfusi.ppt](#)
- 12:30 Jacques Dufour Synthesis of a copper like compound from Nickel and Hydrogen [p16](#)
[DufourJsynthesisofac.ppt](#)
- 13:00 **Lunch**
- 14:30 Xingzhong Li Gas-Loading Experiment with Pumping inside Pd Tube [p29](#) [LiXgasloadingexperim.ppt](#)
- 15:00 Jean Paul Biberian Excess Heat Production During D2 Diffusion Through Palladium [p44](#)
[BiberianJexcessheatp.ppt](#)
- 15:30 Chiara Pocaterra The 7th Framework Programme for Research and Development 2007-2013. How to prepare a successful proposal [p51](#) [PocaterraCthe7thfram.ppt](#)

16:00		Coffee
16:30	William Collis	How to become EU Expert Consultant on CMNS! CollisWhowtobecomeeu.ppt
17:00	---	Free slot
17:30	---	Free slot
20:00		Gala Dinner

Tuesday 16 October

09:00	Marianne Macy	Oral History on Controversial Subjects: Roshoman and Smoking Room Candor MacyMoralhistoryonco.ppt
09:30	Tetsuo Sawada	How the process changes from $d + d \rightarrow p + t$ (and $n + He(3)$) to $d + d \rightarrow He(4)$ p49 SawadaThowtheprocess.ppt
10:00	Chiara Pocaterra	Managing Collaborative Research Projects PocaterraCmanagingco.ppt
10:30	Tetsuo Sawada	Calculation of the bound states of the magnetic monopole and the small nucleus system p31 SawadaTcalculationof.ppt
11:00		Coffee
11:30	Tuomo Toimela	Multiple Resonance Scattering p34 ToimelaTmultiplereso.ppt
12:00	Tatsumi Hioki	Changes in surface layer impurities of Pd due to heat and/or hydrogen- permeation treatments and their influence on hydrogen permeability p24 HiokiTchangesinsurfa.ppt
12:30	Francis Tanzella	The Search for Nuclear Particles in the Pd-D Co-deposition Experiment p18 TanzellaFthesearchfo.ppt
13:00		Lunch
14:30	Steve Krivit	The Galileo Project: What Worked, What Didn't p43 KrivitSthegalileopro.ppt
15:00	Ludwik Kowalski	A new nuclear process or an artifact? p6 KowalskiLanewnuclear.ppt
15:30	Alexei Russetski	Analysis of Winthrop Williams's CR-39 detector after SPAWAR/Galileo type electrolysis experiment #2 p36 RussetskiAanalysisof.ppt
16:00		Coffee
16:30	Andrei Lipson	Analysis of the CR-39 detectors from SRI's SPAWAR/Galileo type electrolysis experiments #7 and #5. Signature of possible neutron emission p37 LipsonAanalysisofthe.ppt

17:00	Larry Forsley	Analysis of Nuclear Particles from Independent Replications Using the SPAWAR Co-Dep TGP Protocol and CR-39 Track Detector p52 ForsleyLanalysisofnu.ppt
17:30	John Fisher	Radiation Produced by Electrolysis p19 FisherJradiationprod.ppt
20:00		Dinner

Wednesday 17 October

07:30		Excursion to Mount Etna Volcano
16:30	Vittorio Violante	Joint Scientific Advances in Condensed Matter Nuclear Science p39 ViolanteVjointscient.ppt
17:00	Songsheng Jiang	Observation of mantle tritium in the crater lakes: evidence for natural nuclear fusion in deep Earth p13 JiangSobservatiofm.ppt
17:30	George Miley	Cluster reactions in LENRs p20 MileyGclusterreactio.ppt
19:00	Dmitriy Afonichev	Resonance transfer of neutron - model and experimental precondition AfonichevDresonancet.ppt
Saturday 13 October 2007	William Collis	Closing Discussion CollisWclosingdiscus.ppt
Sunday 14 October	---	Dinner

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