

Workshop Program - Presentations

Poster Papers

Posters	The bronze medal was awarded to Dmitri Baranov for the best poster paper. (Oral papers may also be presented as posters.)
William Collis	Improved Local and Global Mass Relations p21
I. Goryachev	Low Energy Nuclear Transmutation is the Way for Remediating Waste Radioactivity p18 GoryachevLowenergyn.ppt
Tetsuo Sawada	Narrowing down the candidate of the NAE (nuclear active environment) of the nuclear cold fusion SawadaTnarrowingdown.ppt

Tuesday 10 April 2012

16:30 Registration	Sala Affreschi
19:30	Welcome buffet

Wednesday 11 April

09:00 Registration	Sala Affreschi
09:30 W. Collis	Opening Address (Sala Bracci)
V. Ciampoli	
10:00 P. L. Hagelstein	Demonstration of excess heat in the JET nanor at MIT
10:30 P. L. Hagelstein	Modeling excess heat in PdD
11:00	Coffee
11:30 A. Takahashi	Are Ni + H Nuclear Reactions Possible? p12 TakahashiArenihnucl.pdf TakahashiArenihnucl.ppt
12:00 Y. Kim	Optical Theorem Formulation Low Energy Nuclear Reactions p16 KimYopticaltheoremfo.ppt
12:30	(time overrun)
13:00	Lunch

14:30 **Excursion by coach to San Gimignano**

19:30 **Dinner**

Thursday 12 April

09:00 P. L. Hagelstein [Modeling collimated x-ray emission in the Karabut experiment](#)

09:30 P. L. Hagelstein [Modeling excess heat in NiH](#)

10:00 V.I. Vysotskii About the effectiveness of Widom-Larsen theory for explanation of LENR phenomena

10:30 Y. Kim [Theory of Bose-Einstein Condensation Nuclear Reactions in Deuterium/Hydrogen Loaded Metals](#)
[p16](#)

11:00 **Coffee**

11:30 V.I. Vysotskii [Application of correlated states of interacting particles in nonstationary and modulated LENR systems](#)

12:00 Yury Bazhutov Heat Generator of Rossi & Focardi and its Theoretical Erzion Model Interpretation [p7](#)
[BazhutovYheatgenerat.ppt](#)

12:30 A.G.Parkhomov [Registration of radiation and thermal effects at saturation LaNi_{4.75}Al_{0.25} by hydrogen](#) [p8](#)

13:00 **Lunch**

14:30 **Poster Session**

16:00 **Coffee**

16:30 Peter Hagelstein **Discussion - What CMNS Models are possible?** [CollisDiscussion.ppt](#)

19:30 **Banquet (Sala Caminetti)**

Friday 13 April

09:00 M. Vysotskyy [Subbarrier Nuclear Interaction of Channeling Particles at Self-Similar Formation of Correlated States in Periodically Strained Crystals](#) [p9](#)

09:30 A.S. Rousetski [Charged particle emission from Ti/TiO₂:Dx system stimulated by e-beam and X-ray radiation](#) [p6](#)

10:00 F. Frisone [Nuclear reactions in condensed matter](#) [p13](#)

10:30 D. Baranov	The Experiments with Bismuth Salts in Aqueous Solution and New Ideas for CMNS Explanation p17
11:00	Coffee
11:30 J. Biberian	Anomalous excess heat during absorption of hydrogen in: Pd-Ni-ZrO ₂ nano powder p19 BiberianJanomalousex.ppt
12:00 F. Piantelli	Some results from the Nicheenergy Laboratory
12:30 F. Celani	Experimental results on sub-micro structured Cu-Ni alloys under high temperatures Hydrogen/Deuterium interactions. p20
13:00	Lunch
14:30	'Il Figlio della Luna'. A film on the life of Fulvio Frisone
16:00	Coffee
16:30 Antonio Spallone	Discussion - What experiments should we do now?
19:30	Dinner

Saturday 14 April

09:00 O. Dmitriyeva	Effect of temperature gradient on calorimetric measurements during gas-loading experiments p22
09:30 A. Kitamura	Summary of the latest results of gas loading experiments p10
10:00 O. Dmitriyeva	Control of excess heat production in Pd-impregnated alumina powder p23
10:30 R. Cantwell	Search for excess heat in metals exposed to pulsed hydrogen plasma p23
11:00	Coffee
11:30 William Collis	Closing Remarks CollisWclosingremark.ppt