Program of JCF12 Meeting
Japan CF-Research Society

Date: December 17-18, 2011
Place: Umeki Y Hall, Fukae Campus, Kobe University, Kobe, Japan
Paper presentation: Oral presentation 20 min. (Review: 25min) + Discussion 5 min.
Language= English or Japanese
Book of Abstract: Only available at JCF home page:
http://jcfrs.org/

December 17 (Sat.), 2011
12:00-13:00 Registration
13:00-13:10 Opening Address (A. Kitamura, Kobe U.)

Experiment-1 (Chairman: Y. Iwamura, Advanced Tech. Research Center, M. H. I. H.)
13:10-13:35 JCF12-1 Y. Miyoshi (Kobe U.) et al.: Gas-phase hydrogen isotope absorption/adsorption characteristics of a Ni-based sample
13:35-14:00 JCF12-2 H. Sakoh (Kobe U.) et al.: Silica-included Pd nano-powders repeatedly available for heat production by hydrogen isotope absorption
14:00-14:25 JCF12-3 T. Kamihira et al. (Iwate U.): Investigation of nuclear phenomena in deuterium adsorption to Pd film
14:25-14:50 JCF12-4 S. Kosaka et al. (Toyota Central R&D Labs.): Detecting Pr in Cs ion-implanted Pd/CaO multilayer system before and after D₂ gas permeation
-----break (15 min)-----

Review (Chairman: S. Narita, Iwate U.)
15:05-15:35 JCF12-R1 Y. Iwamura (Advanced Tech. Research Center, M. H. I.) et al.: Status of Transmutation Experiments induced by Deuterium Permeation through Nano-structured Pd Multilayer Thin Film
16:05-16:35 JCF12-R3 A. Takahashi (Osaka U. and Technova Inc.): Review of TSC Model on CMNS/CF Phenomena

16:35-18:00 JCF Annual Meeting
18:00-20:00 Reception
December 18 (Sun.), 2011

Theory -1 (Chairman: M. Ozaki, Tokyo U. of Agriculture)
10:00-10:25  JCF12-5  H. Numata (Tokyo Institute of Tech.): Search for advanced simulation model of cascade vortices underbeneath of the electrode surface
10:50-11:15  JCF12-7  A. Takahashi (Osaka U. and Technova Inc.): Kinetic Reaction Energy of Cold Fusion

-----lunch (11:40-13:00)-----

Experiment-2 (Chairman: Y. Toriyabe, Hitachi-GE Nuclear Energy, Ltd.)
13:00-13:25  JCF12-9  S. Narita et al. (Iwate U.): Deuterium desorption test using Ni/Pd multi-layered sample
13:25-13:50  JCF12-10  Y. Abe et al. (Iwate U.): Change in Isotopic Ratio of Li by Light Water Electrolysis

-----break (15 min)-----

Theory-2 (Chairman: K. Tsuchiya, Tokyo T. N. C. T.)
14:30-14:55  JCF12-12  H. Miura: Computer Simulation of Hydrogen States in Pd Metal of Face Centered Cubic Lattice
15:20-15:45  JCF12-14  A. Takahashi (Osaka U. and Technova Inc.): 4H/TSC Fusion by Simultaneous Weak and Strong Interactions

Adjourn