Program of JCF6 Meeting

(Japan CF-Research Society)

Date and Place: April 27-28, 2005, at The Centennial Hall, O-okayama campus, Tokyo Institute of Technology, Tokyo, Japan

Paper presentation: oral Presentation 20 min. + discussion 5 min.,

Language= English or Japanese

Book of Abstract: to be distributed at site, also to be available at JCF home page

April 27, (Wed), 2005

9:00-9:50 **Registration**

9:50-10:00 **Opening Address** (H. Numata, Tokyo Institute of Tech.)

Theory-1 (chairman: T. Sawada, Nihon U.)

10:00-10:25 **JCF-1** M. Fukuhara (Tungaloy Co.): Physical Roles of Electron and Neutrino for Cold Fusion

10:25-10:50 **JCF-2** H. Yamamoto: An Explanation of Earthquake by Anomalous Explosion of Hydrogen Dissociated from Water in Mantle

10:50-11:15 **JCF-3** A. Takahashi (Osaka U.): Fusion by 4d/TSC or 6d/OSC

11:15-11:40 **JCF-4** A. Takahashi (Osaka U.): Transmutations by Metal plus TSC or OSC

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

Experiment-1 (chairman: Y. Iwamura, Mitsubishi H. I.)

13:00-13:25 **JCF-5** F. Celani et al. (INFN-LNF): Further Studies, about New Elements Production, by Electrolysis of Cathodic Pd Thin–long Wires, in Alcohol-water Solutions (H, D) and Th-Hg Salts. New Procedures to Produce Pd Nano-stuctures.

13:25-13:50 **JCF-6** Y. Toriyabe et al. (Hokkaido U.): Novel Reaction Induced by Light Water Critical Electrolysis

13:50-14:15 **JCF-7** M. Koda et al. : A Simple Method to Check the Purity of D_2O at Your Hand

14:15-14:40 **JCF-8** T. Mizuno et al. (Hokkaido. U.): Anomalous Energy and Elements Generation in Conventional Electrolysis

14:40-15:05 **JCF-9** S. Taniguchi et al. (Iwate U.): ICP-MS Analysis of Electrodes and Electrolytes after Light Water Electrolysis

-----**break** (30 min)-----

Theory-2 (chairman: A. Takahashi, Osaka U.)

15:35-16:00 **JCF-10** H. Kozima (CF Res. Lab.): The Cold Fusion Phenomenon as a Complexity (1)

16:00-16:25 **JCF-11** T. Sawada (Nihon U.): Why the Nuclear Physicists Say "No" to the Cold Nuclear Fusion

16:25-16:50 **JCF-12** T. Sawada (Nihon U.): Seven Tools for the Research of the Cold Nuclear Fusion

16:50-18:00 **JCF Annual Meeting**

18:00-20:00 **Reception**

April 28 (Thu), 2005

Experiment-2 (chairman: T. Mizuno, Hokkaido. U.)

10:00-10:25 **JCF-13** K. Iizumi et al. (Yokohama N. U.): Heat Measurement during Plasma Electrolysis

10:25-10:50 **JCF-14** H. Numata et al. (Tokyo Institute of Tech.): Simulation Approach to Elucidate Evolution Mechanism of Vortex Appeared on Pd Surface after Long-term Evolution of Deuterium in 0.1MLiOD

10:50-10:15 **JCF-15** T. Aoki et al. (U. of Tsukuba): Preliminary Test for Decay Rate Measurement of Radioactivity Embedded in Host Materials

11:15-11:40 **JCF-16** S. Narita et al. (Iwate U.): Transmutation Test in Discharge Experiment with Pd/CaO/Pd Multi-layered Cathode

11:40-12:05 **JCF-17** H. Yamada et al. (Iwate U.): Search for Transmutation Products on Pd-foil Surface after Highly Pressurized Deuterium Permeation

-----**lunch**(12:05-13:30)-----

Theory-3 (chairman: H. Numata, Tokyo Institute of Tech.)

13:30-13:55 **JCF-18** H. Okumura et al. (Tokyo Institute of Tech.): Bose-Einstein Condensation and Nuclear Reaction in Solids

13:55-14:20 **JCF-19** N. Yabuuchi (High Sci. Res. Lab): The Imamura Experiment and Fusion Chemistry

14:20-14:45 **JCF-20** M. Ban et al. (Tokyo Metro. Indus. Tech. Res. Institute): Three Kinds of Frequency Characteristics by Matter Wave Resonant

14:45-15:10 **JCF-21** A. Takahashi (Osaka U.): Brief Review of EQPET/TSC Theory Versus Experiments

Adjourn