

Program of JCF14 Meeting

Japan CF-Research Society

Date: December 7-8, 2013
Place: South 8 Build. , O-okayama Campus, Tokyo Institute of Technology, Tokyo 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 7 (Sat.), 2013

12:00-13:00 **Registration**

13:00-13:10 **Opening Address** H. Numata (Tokyo Institute of Tech.)

Experiment-1 Chairman; T. Mizuno (Hydrogen Eng. A&D Co.)

13:10-13:35 **JCF14-1** A. Kitamura et al. (Technova Inc., Kobe U.)

Study on Anomalous Heat Evolution from H-Ni Nanoparticle System at Elevated Temperature with Mass-Flow Calorimetry

13:35-14:00 **JCF14-2** S. Tsuruga et al. (Mitsubishi H. I.)

Recent Advances in Deuterium Permeation Induced Transmutation Experiments using Nano-Structured Pd/CaO/Pd Multilayer Thin Film

14:00-14:25 **JCF14-3** T. Takahashi et al. (Iwate U.)

Deuterium permeation experiment using Pd/Ni multi-layered sample

14:25-14:40 **Break**

Theory-1 Chairman; N. D. Cook (Kansai U.)

14:40-15:05 **JCF14-4** T. Sawada (Nihon U.)

Relation between the magnetic monopole and NAE of the nuclear cold fusion

15:05-15:30 **JCF14-5** H. Kozima et al. (CF Res. Lab.)

Atomic Nucleus and Neutron –Nuclear Physics Revisited with the Viewpoint of the Cold Fusion Phenomenon

15:30-15:55 **JCF14-6** H. Kozima (CF Res. Lab.)

Nuclear Transmutation in Actinoid Hydrides and Deuterides

16:00-17:30 **JCF Annual Meeting**

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

December 8 (Sun), 2013

Experiment-2 Chairman; Y. Iwamura (Mitsubishi H. I.)

10:00-10:25 **JCF14-7** X.F. Wang et al. (Arata R&D Center, Hydrogen Eng. A&D Co.)

Synthesis of nano-Pd particles in Y-Zeolite pores by ultrasonic irradiation

10:25-10:50 **JCF14-8** H. Yamada et al. (Iwate U.)

Impressive Increase in Number of Etch Pit occasionally Produced on CR-39 in Light and Heavy Water Electrolysis Using Ni Film Cathode

Theory-2 Chairman; K.Tsuchiya (Tokyo National College of Tech.)

10:50-11:20 **JCF14-9** A. Takahashi et al. (Technova Inc.)

D(H)-Cluster Langevin Code and Some Calculated Results

11:20-11:45 **JCF14-10** H. Miura

Computer Simulation of Hydrogen States near T site in Ni and Pt Metals

11:45-12:10 **JCF14-11** H. Numata (Tokyo Institute of Tech.)

Numerical simulation of vortex appeared on electrode surface under long term evolution of deuterium in 0.1M LiOD — Vortex formation locally, triggered by cylindrical pillar current initiation

12:10-13:30 **Lunch**

Theory-3 Chairman; E. Yamaguchi (Doshisya U.)

13:30-13:55 **JCF14-12** K. Tsuchiya et al. (Tokyo National College of Tech.)

The quantum states of the system including two species of charged bosons in ion traps III

13:55-14:25 **JCF14-13** E. Igari et al. (Hydrogen Eng. A&D Co.)

Discussion about the quality of the experiments in cold fusion

14:25-14:50 **JCF14-14** N. D. Cook (Kansai U.)

Transmutation of Palladium and Nickel Isotopes

14:50-15:15 **JCF14-15** H. Kozima (CF Res. Lab.)

Nuclear Transmutations (NTs) in Cold Fusion Phenomenon (CFP) and Nuclear Physics

15:15-15:40 **JCF14-16** H. Kozima (CF Res. Lab.)

The Cold Fusion Phenomenon — What is It?

Adjourn