

Program of JCF19 Meeting

Japan CF-Research Society

Date: November 9-10, 2018

Place: Iwate University, Ginga Hall, Morioka, Japan

Paper presentation: Oral presentation 20 min. + Discussion 5 min.

Language: English or Japanese

Book of Abstract: Only available at JCF home page (<http://jcfrs.org/>)

November 9 (Fri), 2018

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

13:00-13:10 **Opening Address** S. Narita (Iwate U.)

Session-1 Chair: K. Tanabe (Kyoto U.)

13:10-13:35 **JCF19-1** Y. Sato et al. (Kyushu U.)

Verification of anomalous heat detected by differential scanning calorimetry from Palladium-Nickel-Zirconium alloy in hydrogen flow

13:35-14:00 **JCF19-2** I. Imoto et al. (Kyushu U.)

Anomalous Heat Observed in New Binary Metal System under Hydrogen Stream

14:00-14:25 **JCF19-3** Y. Iwamura et al. (Tohoku U.)

Trial to Reproduce Coincident Burst Increase Events of Pressure and Gas Temperature during Heat Generation Experiments using Metal Nanocomposites and Hydrogen Gas

14:25-14:45 **Break**

Session-2 Chair: S. Narita (Iwate U.)

14:45-15:10 **JCF19-4** A. Takahashi et al. (Technova Inc.)

Repeated Calcination and AHE by PNZ6 Sample

15:10-15:35 **JCF19-5** T. Yokose et al. (Kobe U.)

Anomalous Heat Burst by CNZ7 Sample and H-Gas

15:35-16:00 **JCF19-6** K. Tanabe (Kyoto U.)

Theoretical Investigation of Plasmonic Field Enhancement at Oxide/Metal

Interfaces

16:00 16:25 **JCF19-7** K. Tsuchiya (NIT, Tokyo College)

A theoretical study on the possible change of the phonon dispersion relation due to the nuclear reaction in two dimensional lattice

16:25 16:50 **JCF19-8** H. Miura

Computer Simulation Approaches to Hydrogen Cohesion inside the Metal Surface

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

18:30 20:30 **Reception**

November 10 (Sat), 2018

***Session-3** Chair: Y. Iwamura (Tohoku U.)*

9:30 9:55 **JCF19-9** S. Ono et al. (Kyoto U.)

Direct Joule Heating of D Loaded Pd Plates in Vacuum II

9:55 10:20 **JCF19-10** M. Endo et al. (Iwate U.)

Thermal property of Pd Zr and Pd Ni Zr complex samples in deuterium diffusion process

10:20 10:45 **JCF19-11** S. Kikuchi et al. (Iwate U.)

Search for nuclear phenomena in deuterium discharge experiment using Pd/PdO cathode

10:45 11:00 **Break**

***Session-4** Chair: H. Numata*

11:00 11:25 **JCF19-12** K. Ooyama (Ooyama Power Inc.)

Li Quantity Suitable for Nuclear Fusion Mechanism

11:25 11:50 **JCF19-13** H. Kozima and H. Yamada (CFRL and Iwate University)

Characteristics of the Nuclear Reactions in the Cold Fusion Phenomenon

11:50 12:15 **JCF19-14** H. Kozima (Cold Fusion Research Lab.)

Inductive Logic and Meta-analysis in the Cold Fusion Research

12:15 13:30 **Lunch**

Session-5 Chair: K. Tsuchiya (NIT, Tokyo College)

13:30 13:55 **JCF19-15 H. Kozima** (Cold Fusion Research Lab.)

Development of the Solid State Nuclear Physics (SSNP)

13:55 14:20 **JCF19-16 H. Numata**

Microstructure of surface and interior of Pd rod electrode during long term electrolysis in 0.1 M LiOD

14:20 14:45 **JCF19-17 K. Ooyama** (Ooyama Power Inc.)

Nuclear Fusion Mechanism in Pd Cathode

Adjourn