

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. Ooyama (Ooyama Power Inc.)
Li Quantity Suitable for Nuclear Fusion Mechanism
- 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. 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

11:25-11:50 **JCF19-13** H. Kozima et al. (Cold Fusion Research Lab.)

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