Program of JCF18 Meeting
Japan CF-Research Society

Date; November 24-25, 2017
Place; Mikamine Hall, Research Center for Electron Photon Science,
Tohoku University, Sendai, Japan
Presentation; Oral presentation 25 min. + Discussion 5 min.
Language; English or Japanese
Abstract Book; Only available at JCF home page (http://jcfrs.org/)

November 24 (Fri), 2017

12:00-13:00 Registration

13:00-13:10 Opening Address  Y. Iwamura (Tohoku University)

Session 1  Chairman; K. Tsuchiya (NIT, Tokyo)
13:10-13:40 JCF18_01  K. Tanabe et al. (Kyoto U.)
Direct Joule Heating of D-Loaded Pd Plates in Vacuum
13:40-14:10 JCF18_02  Y. Sato et al. (Iwate U.)
Deuterium desorption experiments using Pd-Zr and Pd-Ni-Zr multi-layered samples
14:10-14:40 JCF18_03  H. Numata
Search for characteristic microstructure of Pd rod formed during repeated cathodic and anodic electrolysis

14:40-15:00 Break

Session 2  Chairman; S. Narita (Iwate U.)
15:00-15:30 JCF18_04  A. Kitamura et al. (Technova Inc.)
Comparison of excess heat evolution from zirconia-supported Pd-Ni nanocomposite samples with different Pd/Ni ratio under exposure to hydrogen isotope gases
15:30-16:00 JCF18_05  Y. Iwamura et al. (Tohoku U.)
Reproducibility on Anomalous Heat Generation by Metal Nanocomposites and Hydrogen Isotope Gas
16:00-16:30 JCF18_06  M. Kishida et al. (Kyushu U.)
16:30-17:00 JCF18_07  T. Hioki et al. (Nagoya U.)
In-situ XRD and XAFS Analyses for Metal Nanocomposites used in Anomalous Heat Generation Experiments

17:00-17:10 Break

17:10-17:30 JCF Annual Meeting

17:30-20:00 Reception

November 25 (Sat), 2017

Session 3  Chairman; Y. Iwamura (Tohoku U.)
9:30-10:00 JCF18_08  K. Tsuchiya (NIT, Tokyo)
Progress of density functional methods in LENR and their problems II
10:00-10:30 JCF18_09  K. Tanabe (Kyoto U.)
Theoretical Investigation of Plasmonic Field Enhancement on Planar Metal Surfaces
10:30-11:00 JCF18_10  K. Ooyama (Ooyama Power Inc.)
Nuclear Fusion Mechanism in Crystal
11:00-11:15  Break

Session 4  Chairman: H. Numata
11:15-11:45  JCF18_11  K. Tanabe (Kyoto U.)
Is the Heat Difference between D and H Really a Sign of Fusion?
11:45-12:15  JCF18_12  H. Miura
Water Clusters Related to OHMASA-GAS

12:15  Adjourn