

Program of JCF21 Meeting

Japan CF-Research Society

Date: December 11-12, 2020
Place: (Online)
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/>)

December 11 (Fri), 2020

14:00-14:10 **Opening Address** K. Tanabe (Kyoto U.)

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

14:10-14:35 **JCF21-1** Y. Iwamura *et al.* (Tohoku U.)
Evidence for Surface Heat Release Reaction over Nano-sized Multilayer Metal Composite with Hydrogen Gas

14:35-15:00 **JCF21-2** H. Kozima (Cold Fusion Lab.)
Cold Fusion Phenomenon in the Composite CF Materials – Mixed Hydrogen Isotopes, Alloys and Ceramics –

15:00-15:25 **JCF21-3** H. Kozima (Cold Fusion Lab.)
Cold Fusion Phenomenon in the Compound CF Materials – Effects of Interfaces –

15:25-15:40 Break

Session-2 *Chair: M. Kishida (Kyushu U.)*

15:40-16:05 **JCF21-4** H. Kozima (Cold Fusion Lab.)
Neutron Energy Bands in the Compound and Composite CF Materials – Speculation on the Bases of the TNCF Model –

16:05-16:30 **JCF21-5** M. Hasegawa *et al.* (Technova Inc.)
Comparison of AHE data between H₂ and He runs for CNZ7rrr Sample

16:30-17:00 JCF Annual Meeting

December 12 (Sat), 2020

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

- 9:30 - 9:55 **JCF21-6** H. Numata
Thermodynamic Analysis of Pd–H Electrode: $H/Pd > \beta_{\min}$ during Repeated
Cathodic and Anodic Electrolysis in an Acidic Solution
- 9:55 -10:20 **JCF21-7** N. Kishimoto *et al.* (Iwate U.)
Simulation Study of Heat Conduction in Deuterium Desorption Experiment
- 10:20 -10:45 **JCF21-8** Y. Nakashima *et al.* (Kyoto U.)
Laser Irradiation to D-Loaded Pd II

10:45-11:00 Break

Session-4 *Chair: S. Narita (Iwate U.)*

- 11:00-11:25 **JCF21-9** T. Itoh *et al.* (Tohoku U.)
Optical Observation on Anomalous Heat Generation from Nano-Sized Metal
Composite with Hydrogen Gas
- 11:25-11:50 **JCF21-10** 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 III

Adjourn