

2013 年

- Y. Miyoshi, H. Sakoh, A. Taniike, A. Kitamura, A. Takahashi, R. Seto and Y. Fujita, Effect of Forced Oxidation on Hydrogen Isotope Absorption / Adsorption Characteristics of Pd-Ni-Zr Oxide Compounds., *J. Condensed Matter Nucl. Sci.* 10 (2013) 46-62.
- H. Sakoh, Y. Miyoshi, A. Taniike, Y. Furuyama, A. Kitamura, A. Takahashi, R. Seto, Y. Fujita, T. Murota and T. Tahara, Heat release characteristics of Ni-based samples absorbing hydrogen isotopes at high temperature, *Proc. JCF13* (2013) 214-229.
- A. Kitamura, H. Sakoh, Y. Miyoshi, A. Taniike, Y. Furuyama, A. Takahashi, R. Seto and Y. Fujita, Hydrogen isotope absorption/adsorption characteristics of mesoporous-silica-included samples, *Proc. JCF13*, (2013) 230-241.
- A. Takahashi, D. Rocha, Nucleon Halo Model of ^8Be , *Proc. JCF13*, (2013).
- A. Kitamura, A. Takahashi, R. Seto, Y. Fujita, A. Taniike and Y. Furuyama, A Mass-Flow-Calorimetry System for Scaled-up Experiments on Anomalous Heat Evolution at Elevated Temperatures, to be published in *Proc. of ICCF18*.
- A. Kitamura, A. Takahashi, R. Seto, Y. Fujita, A. Taniike and Y. Furuyama, Study on Anomalous Heat Evolution from H-Ni Nanoparticle System at Elevated Temperature with Mass-Flow Calorimetry, to be published in *Proc. of JCF14*.
- A. Takahashi, A. Kitamura¹, A. Taniike, Y. Furuyama, R. Seto, and Y. Fujita, T. Murota and T. Tahara, Anomalous Exothermic and Endothermic Data Observed by Nano-Ni-Composite Samples, to be published in *Proc. of ICCF18*, also published as viXra-1309.0070.
- A. Takahashi, Nuclear Products of Cold Fusion by TSC Theory, to be published in *Proc. of ICCF18*, also published as viXra-1309-0072.
- A. Takahashi, Physics of Cold Fusion by TSC Theory, *Journal of Physical Science and Application* 3 (3) (2013) 191-198.

2012 年

- A. Takahashi¹, Neutron Spectra in CMNS – Model Predictions and Past Data – , *Proc. ICCF15*, pp.303-306, published by ENEA Italy 2012.
- A. Takahashi, Kinetic Reaction Energy of Cold Fusion, *Proc. JCF12*, (2012) 67-76
- A. Takahashi, 4H/TSC Fusion by Simultaneous Weak and Strong Interactions, *Proc. JCF12*, (2012) 115-122.
- Y. Miyoshi, H. Sakoh, A. Taniike, A. Kitamura, A. Takahashi, T. Murota and T. Tahara, Gas-phase hydrogen isotope absorption/adsorption characteristics of a Ni based sample, *Proc. JCF12*, (2012) 1-9.
- H. Sakoh, Y. Miyoshi, A. Taniike, A. Kitamura, A. Takahashi, R. Seto and Y. Fujita,

Silica-included Pd nano-powders repeatedly available for heat production by hydrogen isotope absorption, *Proc. JCF12*, (2012) 10-18.

- A. Takahashi, Are Nuclear Reactions in NiH Systems Possible?, 10th Int. Workshop on Anomalies in Hydrogen Loaded Metals, Siena Italy, 2012, *JCMNS 9* (2012).
- A. Takahashi, Physics of Cold Fusion by TSC Theory, *Proc. ICCF17*, to be published in *Proc. ICCF17*.
- A. Kitamura, H. Sakoh, Y. Miyoshi, A. Taniike, Y. Furuyama, A. Takahashi, R. Seto, and Y. Fujita, T. Murota and T. Tahara, Recent progress in gas-phase hydrogen isotope absorption/adsorption experiments, *Proc. ICCF17*, to be published in *Proc. ICCF17*.
- H. Sakoh, Y. Miyoshi, A. Taniike, Y. Furuyama, A. Kitamura, A. Takahashi, R. Seto, and Y. Fujita, T. Murota and T. Tahara, Hydrogen isotope absorption and heat release characteristics of a Ni-based sample, *Proc. ICCF17*, to be published in *Proc. ICCF17*.

2011 年

- T. Yamaguchi, Y. Sasaki, T. Nohmi, A. Taniike, Y. Furuyama, A. Kitamura, A. Takahashi, Investigation of Nuclear Transmutation Using Multilayered CaO/X/Pd Samples Under Deuterium Permeation, *Proc. ICCF14*, (2011) 195-202.
- T. Nohmi, Y. Sasaki, T. Yamaguchi, A. Taniike, Y. Furuyama, A. Kitamura, A. Takahashi, R. Seto, Y. Fujita, Basic research on condensed matter nuclear reaction using Pd powders charged with high density deuterium, *Proc. ICCF14*, (2011) 400-408.
- A. Takahashi, Dynamic Mechanism of TSC Condensation Motion, *Proc. ICCF14*, (2011).
- A. Kitamura, A. Takahashi, Y. Sasaki, Y. Miyoshi, A. Taniike, R. Seto and Y. Fujita, Heat Evolution from Pd Nanopowders Exposed to High-Pressure Hydrogen Isotopes and Associated Radiation Measurements, *J. Condensed Matter Nucl. Sci.* 4 (2011) 56-68.
- Akito Takahashi, Progress in Deuteron Cluster Fusion Theory, *LENR Sourcebook*, American Institute of Physics, *J. Condensed Matter Nucl. Sci.* 4(2011)269-281.
- A. Kitamura, Y. Sasaki, Y. Miyoshi, Y. Yamaguchi, A. Taniike, Y. Furuyama, A. Takahashi, R. Seto, and Y. Fujita, Search for Nuclear Reaction Products in Gas Phase Experiments– Deuterium Permeation and Absorption –, *Proc. ICCF15, Rome 2009*, (2011) 216-220.
- A. Takahashi, A. Kitamura, T. Nohmi, Y. Sasaki, Y. Miyoshi, A. Taniike, R. Seto, and Y. Fujita, Anomalous Heat Generation in Charging of Pd Powders with High Density Hydrogen Isotopes, (II) Discussions on Experimental Results and Underlying Physics, *Proc. ICCF15, Rome 2009*, (2011) 297-302.

- Y. Sasaki, A. Kitamura, Y. Miyoshi, T. Nohmi, A. Taniike, A. Takahashi, R. Seto, and Y. Fujita, Anomalous Heat Generation in Charging of Pd Powders with High Density Hydrogen Isotopes, (I) Results of absorption experiments using Pd powders, *Proc. ICCF15, Rome 2009*, (2011) 94-99.
- A. Takahashi, A. Kitamura, Y. Sasaki, Y. Miyoshi, A. Taniike, R. Seto and Y. Fujita, Role of PdO Surface-Coating in CMNE D(H)-Gas Loading Experiments, Proceedings of 9th Workshop on Anomalies in D(H)-loaded Metals, 16-19 September 2010, Italy (also submittal to *JCMNS*), *JCMNS 5* (2011) 17-33.
- A. Kitamura, Y. Miyoshi, H. Sakoh, A. Taniike, A. Takahashi, R. Seto and Y. Fujita, Time resolved measurements of D(H)/Pd ratio and heat evolution in D₂ (H₂)-Pd-Zr mixed oxide systems, *Proceedings of 9th Workshop on Anomalies in D(H)-loaded Metals*, 16-19 September 2010, Italy (also published in *JCMNS 5*, (2011) 42-51.)
- A. Kitamura, Y. Miyoshi, H. Sakoh, A. Taniike, A. Takahashi, R. Seto and Y. Fujita, Time-resolved Measurements of Loading Ratios and Heat Evolution in D₂ (and H₂)-Pd-Zr Mixed-oxide Systems, *J. Condensed Matter Nucl. Sci.* 5 (2011) 42-51
- Y. Miyoshi, H. Sakoh, A. Taniike, A. Kitamura, A. Takahashi, R. Seto, and Y. Fujita, Hydrogen Isotope Absorption/Adsorption Characteristics of Pd-Zr Oxide Compounds, *Proc. JCF11*, (2011) 10-15.
- H. Sakoh, Y. Miyoshi, A. Taniike, A. Kitamura, A. Takahashi, R. Seto, and Y. Fujita, Hydrogen isotope absorption/adsorption characteristics of Ni-Pd binary nano-particles, *Proc. JCF11* (2011) 16-22.
- A. Takahashi, Y. Miyoshi, H. Sakoh, A. Taniike, A. Kitamura, R. Seto, and Y. Fujita, Mesoscopic Catalyst and D-Cluster Fusion, *Proc. JCF11* (2011) 47-52.
- 高橋亮人, まだまだ続く常温核融合研究, *TEET Review Vol.19*, (2011) 2-3.
- 高橋亮人, 常温核融合フロンティア 2011, *JCFRS e-book*, (2011).

2010 年

- A. Takahashi, A. Kitamura, Y. Sasaki, Y. Miyoshi, A. Taniike, R. Seto and Y. Fujita, Role of PdO Surface-Coating of Pd Nano-Particle for D(H) Charging and Cluster Fusion, *Proc. JCF10*, (2010) 46-53.
- Y. Miyoshi, Y. Sasaki, A. Taniike, A. Kitamura, A. Takahashi, R. Seto, and Y. Fujita, Two absorption/adsorption processes of hydrogen isotopes observed for Pd nano-powders, *Proc. JCF10*, (2010) 20-25.
- Y. Sasaki, Y. Miyoshi, A. Taniike, A. Kitamura, A. Takahashi, R. Seto, and Y. Fujita, Measurements of heat and radiation from Pd nano-powders during Absorption of Hydrogen Isotopes, *Proc. JCF10*, (2010) 14-19.

2008～2009 年

- A. Takahashi, The Basics of Deuteron Cluster Dynamics as Shown by Langevin Equation, *Low-Energy Nuclear Reactions Source Book 2*, American Chemical Society, Oxford University Press, (2009) 193-217, ACS Symposium Series 1029.
- A. Kitamura, T. Nohmi, Y. Sasaki, A. Taniike, A. Takahashi, R. Seto, Y. Fujita, Anomalous Effects in Charging of Pd Powders with High Density Hydrogen Isotopes, *Physics Letters A*, 373 (2009) 3109-3112.
- A. Takahashi, A. Kitamura, T. Nohmi, Y. Sasaki, Y. Miyoshi, A. Taniike, R. Seto, Y. Fujita, Deuterium Gas Charging Experiments with Pd powders for Excess Heat Evolution, (II) Discussions on experimental results and Underlying Physics, *Proc. JCF9*, (2009) 29-35.
- Y. Sasaki, A. Kitamura, T. Nohmi, Y. Miyoshi, A. Takahashi, R. Seto, Y. Fujita, Deuterium Gas Charging Experiments with Pd powders for Excess Heat Evolution, (I) Results of Deuterium Gas Charging Experiments, *Proc. JCF9*, (2009) 23-28.
- A. Kitamura, T. Yamaguchi, T. Nohmi, Y. Sasaki, Y. Miyoshi, A. Taniike, Y. Furuyama, and A. Takahashi, CMNS Research Progressing in Kobe University –Deuterium Permeation and Absorption–, *Proc. JCF9*, (2009) 17-22.
- A. Takahashi, Dynamic Mechanism of TSC Condensation Motion, *J. Condensed Matter Nucl. Sci.*, 3 (2009) 33-44.
- A. Takahashi, 常温核融合 2008 凝集核融合のメカニズム, *Cold Fusion 2008 – Mechanisms of Condensed Cluster Fusion, Book in Japanese*, Kogakusha, Tokyo, (2008).