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https://www.researchgate.net/profile/Hideo_Kozima

CFP (Cold Fusion Phenomenon) stands for

“Nuclear reactions and accompanying events occurring in open (with external particle and energy supply), non-equilibrium system composed of solids with high densities of hydrogen isotopes (H and/or D) in ambient radiation” belonging to Solid State-Nuclear Physics (SSNP) or Condensed Matter Nuclear Science (CMNS).

This is the *CFRL News* (in English) No.110 for Cold Fusion researchers published by Dr. H. Kozima, at the Cold Fusion Research Laboratory, Shizuoka, Japan.

This issue contains the following items:

1. **Final FY20 Appropriations of NSF, USA is published on 10 January 2020 with “Low-energy nuclear reactions” included in the list.**
2. **A paper on the ‘anomalous heat effect’ is published in the *International J. Hydrogen Energy* and uploaded at ScienceDirect website:
www.sciencedirect.com**
3. **The Annual Meeting JCF 21 (2020), will be held on December 11 and 12, 2020 in Kyoto, Japan.**

1. **Final FY20 Appropriations of NSF is published on 10 January 2020 with “Low-energy nuclear reactions” included in the list.**

<https://www.aip.org/fyi/2020/final-fy20-appropriations-national-science-foundation>

Final FY20 Appropriations: National Science Foundation was published on January 10, 2020 as reported by Mitch Ambrose, American Institute of Physics, mambrose@aip.org

From the above “Appropriations”, we cite paragraphs related to an interesting article on the *Cold Fusion Phenomenon* as follows:

“An [explanatory statement](#) accompanying the bill provides funding and policy direction, and the [House](#) and [Senate](#) appropriations committee reports on their respective [spending bills](#) convey additional direction unless the language is negated in the final statement. For summary tables, consult the FYI [Federal Science Budget Tracker](#).”

In the list following the above sentence, we find an article on the “low-energy nuclear reactions” as follows;

“Low-energy nuclear reactions.

The House report encourages NSF to “evaluate the various theories, experiments, and scientific literature surrounding the field of LENR,” which is most associated with the pursuit of [cold fusion](#). It also directs NSF to “provide a set of recommendations as to whether future federal investment into LENR research would be prudent, and if so, a plan for how that investment would be best utilized.”
(boldfaced at citation)

The decision about the result of the evaluation on “the Low-energy nuclear reactions (LENR) associated with the pursuit of cold fusion” will be given by the end of this year as the a friend of mine in USA explained as follows;

“The legislation requires NSF to report to Congress on whether research into LENR is worth pursuing, but it does not require the agency to begin funding such research.

Depending on the conclusions of the report, Congress may direct NSF or another agency to fund LENR research, but that would not occur until the next budget cycle at the earliest. The FY21 budget for the U.S. government will likely not be finalized until late this year.”

2. Our paper on the ‘anomalous heat effect’ is published in the *International J. Hydrogen Energy* and uploaded at ScienceDirect website: www.sciencedirect.com

The interesting experimental data sets have been obtained in such compiled and compound CF materials as $\text{Cu}_{55}\text{Ni}_{44}\text{Mn}_1$ and $\text{Pd}_x\text{Ni}_{0.35-x}\text{Zr}_{0.65}$. To show the nature of the experimental data is fundamentally the same as those obtained hither to in the cold fusion phenomenon in 30 years, we have investigated the typical data published by Kitamura et al and published a following paper.

H. Kozima, “The ‘anomalous heat effect’ is a normal event in the cold fusion phenomenon – On the paper “Excess heat evolution from nanocomposite samples under exposure to hydrogen isotope gases” by Kitamura et al. published in the *Int. J. Hydrogen Energy* **43**, pp. 16187 – 16200 (2018) –“ published in *Int. J. Hydrogen Energy*, **45**. The electronic version of this paper is uploaded at the following website:

<https://doi.org/10.1016/j.ijhydene.2020.05.099>.

The Abstract of the paper is cited below:

Abstract:

The anomalous heat effect reported in the paper, “Excess heat evolution from nanocomposite samples under exposure to hydrogen isotope gases” by Kitamura et al. published in the *Int. J. Hydrogen Energy* **43**, pp. 16187 – 16200 (2018), is investigated in the science of the cold fusion phenomenon (CFP) established in these 30 years. It is concluded that the effect is a normal event in the CFP consistent with many events observed in materials with various components and compositions composed of host elements and hydrogen isotopes.

The extended version of this paper is published with the same title in the *Reports of CFRL (Cold Fusion Research Laboratory)*, **20-1**, pp. 1 – 12 (May, 2020).

3. The Annual Meeting of JCF 21 (2020), will be held on December 11 and 12, 2020 in Kyoto, Japan.

The tentative schedule of the JCF21 is decided as follows:

Date: December 11 and 12, 2020.

Place: Campus Plaza Kyoto, Room 4-3:

<http://www.consortium.or.jp/about-cp-kyoto/access>

N.B. It is possible to change the schedule of the Conference to the “Online Form” depending on the expected social situation at the beginning of this December.

Final Decision: Details about final decision on the JCF21 (2020) will be posted at the following JCF website by the end of October. http://www.jcfrs.org/proc_jcf.html