CFRL English News No. 107 (2019. 3. 1)

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Back numbers of this News are posted at the following pages of the CFRL Websites:
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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.107 for Cold Fusion researchers published by Dr. H. Kozima, now at the Cold Fusion Research Laboratory, Shizuoka, Japan.

This issue contains the following items:

1. ***On the 30th anniversary of the Discovery of the Cold Fusion Phenomenon* – Hideo Kozima**
2. ***Proceedings of the International Conference on the Application of Microorganisms for the Radioactive Waste Treatment* (May 18, 2018, Pukyung National University, Busan, Korea) was published in the electronic *Journal of Condensed Matter Nuclear Science* Vol. 28 (2019) and posted at the CMNS website;**
   http://www.iscmns.org/CMNS/CMNS.htm
3. **The Paper "*Nuclear Transmutations and Stabilization of Unstable Nuclei in the Cold Fusion Phenomenon*" (presented at Busan Conference) was published in *J. Condensed Matter Nucl. Sci.* 28,** 28 – 49 (2018), ISSN 2227-3123**.**
4. **Extended versions of three papers presented at JCF19 (Morioka, Nov. 9 – 10, 2018) are published in Reports of CFRL and posted at the CFRL Website;**
   http://www.geocities.jp/hjrfq930/Papers/paperr/paperr.html (until March 15, 2019)
   http://www.kozima-cfrl.com/Papers/paperr/paperr.html (after March 15, 2019)
5. **The URL of this Website will be changed to**
   http://www.kozima-cfrl.com/
   after March 15, 2019.

1. On the 30th anniversary of the Discovery of the Cold Fusion Phenomenon.

This year 2019 is the 30th anniversary of the *Discovery of the Cold Fusion Phenomenon* (*CFP*) by Martin Fleischmann, Stan Pons and M. Hawkins. To commemorate the discovery of the CFP and recollect the endeavors exerted in these 30 years, I wrote an essay "*On the 30th Anniversary of the Discovery of the Cold Fusion Phenomenon*" and published it as the *Reports of CFRL* **19-1**, pp. 1 – 18 (2019) and posted it at the CFRL website;
http://www.kozima-cfrl.com/Papers/paperr/paperr.htlm.

An extracted version of this paper is posted at this News site along with the *News No. 107* for readers' convenience.

In addition to the above publication, the Ruby Carat of the *Cold Fusion Now* compiled this paper neatly and published and posted at their website;
https://coldfusionnow.org/on-the-30th-anniversary-by-hideo-kozima/
This version with two photos added and some parts removed seems more readable. Please try to read this version of my paper too.

2. *Proceedings of the International Conference on the Application of Microorganisms for the Radioactive Waste Treatment* (*ICAMRWT*) (May 18, 2018, Pukyung National University, Busan, Korea) was published in the electronic *Journal of Condensed Matter Nuclear Science* Vol. 28 (2019) and posted at at the CMNS website;

http://www.iscmns.org/CMNS/CMNS.htm

The *Proceedings* is also posted at CMNS website;

https://www.lenr-canr.org/acrobat/BiberianJPjcondensedza.pdf

The Preface to the *Proceedings* by Dr. Sunghee Rhee is posted at the CFRL website next to this *News No. 107*.

The contents of the *Proceedings of ICAMRWT* are cited below:

CONTENTS

The **Preface by Sanghi Rhee** to the *Proceedings of ICAMRWT* is posted at this News site along with the *News No. 107*.

Additional Remarks

It is absurd to have a silly and arrogant comment "*These papers are about biological transmutation, and not cold fusion in usual sense*" by someone in a group mail announcing the upload of the *Proceedings* of this Conference to the LENR-CANR site. It will make credibility of the website LENR-CANR lower to have no explicit responsibility for selection of materials and also depreciate the reliability and fairness of its editorial process.

The above comment remind us *two subtitles of the books* by G. Taubes and J.R. Huizenga written by a smattering discriminating facts by superficial knowledge.
"*The Short Life and Weird Times of Cold Fusion*" (G. Taubes, *Bad Science*)
"*The Scientific Fiasco of the Century*" (J.R. Huizenga, *Cold Fusion*)
These authors against the cold fusion phenomenon may comment on the papers about the cold fusion phenomenon as follows;
"*These papers are about the cold fusion phenomenon, and not physics in usual sense*."

We hate any discrimination against rare events difficult to understand in our common sense in the established sciences. Peter Gluck once wrote a following sentence in his essay "*A Message from the Right Side of the Medawar Zone*" (H. Kozima, *Discovery of the Cold Fusion Phenomenon*, pp. 308 – 309 (1998), Ohtake Shuppan, Tokyo, Japan, ISBN 4-87186-044-2.).

http://www.geocities.jp/hjrfq930/FTEssay/Essays/Gluck.htm
http://www.kozima-cfrl.com//FTEssay/Essays/Gluck.htm (After March 15, 2019)

"*On the opposite, right side of the Medawar zone, the obstacles are too great, the risks are too high, the associates are too few . . . and the hostility of the scientific community toward those daring too much, aiming too high, is overwhelming. At the right side of the Medawar Zone, it is a 'Terra incognita' or a kind of Far West with other rules or without the usual scientific rules.*

Almost ten years have lapsed, and no final victory came, the problems are widely open, no final proof is here, no global theory of understanding of the field was elaborated. Strange facts have accumulated, many devices have been created and we are yet at the border of a new scientific field, a different, so diversified, so difficult!" (Peter Gluck)

The comment by someone cited above and the imaginary comment by Mr. Taubes and Dr. Huizenga are slanders from the left side of the Medawar Zone.

3. Paper from CFRL "Nuclear Transmutations and Stabilization of Unstable Nuclei in the Cold Fusion Phenomenon" (presented at Busan Conference) was published in *J. Condensed Matter Nucl. Sci.* **28,** 28 – 49 (2018), ISSN 2227-3123.

The above paper presented from CFRL is published in the Proceedings of the International Conference on the Application of *Microorganisms for the Radioactive Waste Treatment* (*ICAMRWT*) as *J. Condensed Matter Nucl. Sci.* **28,** 28 – 49 (2018).

The extended version of this paper is published as *Reports of CFRL* **18-1** and posted at CFRL website;
http://www.geocities.jp/hjrfq930/Papers/paperr/paperr.html (until March 15, 2019)
http://www.kozima-cfrl.com/Papers/paperr/paperr.html (after March 15, 2019)

The Abstract of this paper is cited below;

Abstract

We summarize the nuclear transmutations observed in the cold fusion phenomenon (CFP) putting a weight on biotransmutation, i.e. nuclear transmutations in biological systems. The CF materials, i.e. materials where CFP occurs, are classified in three groups; (1) metallic material including transition-metal hydrides (e.g. NiH_x, AuH_x) and deuterides (e.g. PdD_x, TiD_x), (2) carbonic material including hydrogen graphite (HC_x) and XLPE (cross-linked polyethylene) and (3) biological material including microorganisms,

microbial cultures and biological tissues or organs. We explain these characteristics briefly in this paper. The stabilization of unstable nuclei, including the decay-time shortening of radioactive nuclei, with nuclear transmutation is especially interesting from the view of application to treat hazardous nuclear waste produced by nuclear power plant. A characteristic of biological systems wherein selective adsorption of specific ions occurs seems especially useful for this application. If we have a microorganism or microbial culture absorbing an ion of a radioactive element selectively, we can remediate the radioactivity by biotransmutation.

4. Extended versions of three papers presented at JCF19 (Nov. 9 – 10, 2018, Morioka, Japan) are published in *Reports of CFRL* and posted at the CFRL Website;

http://www.geocities.jp/hjrfq930/Papers/paperr/paperr.html (until March 15, 2019)
http://www.kozima-cfrl.com/Papers/paperr/paperr.html (after March 15, 2019)

Titles of these papers are as follows;

(1) H. Kozima and H. Yamada, "*Characteristics of the Nuclear Reactions in the Cold Fusion Phenomenon*" *Reports of CFRL*, **19-2**, pp. 1 – 30 (2019)
(2) H. Kozima, "*Inductive Logic and Meta-analysis in the Cold Fusion Research,*" *Reports of CFRL*, **19-3**, pp. 1 – 26 (2019)
(3) H. Kozima, "*Development of the Solid State-Nuclear Physics,*" *Reports of CFRL*, **19-4**, pp. 1 – 34 (2019)

5. The URL of this Website will be changed to **http://www.kozima-cfrl.com/** after March 15, 2019

The website service "Yahoo! Geocities (Japan)" http://www.geocities.jp/ kept more than 20 years by yahoo co. will terminate its service by the end of this March.

Accordingly, the URL of the CFRL website;

http://www.geocities.jp/hjrfq930/

will be changed to

http://www.kozima-cfrl.com/

after March 15, 2019 which will be announced by an email, too.

When you want to access an article in the CFRL website uploaded before March 15,

2019, it is necessary to change the old hostname

www.geocities.jp/hjrfq930/

to the new hostname

www.kozima-cfrl.com/.