

## ***CFRL English News No. 86*** (2014. 07. 01)

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(Back numbers of this News are posted on the above geocities and/or PSU site of the CFRL Websites)

**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. 86 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. **Proceedings of the 14<sup>th</sup> JPS Meeting was published.**
2. **Four papers from Cold Fusion Research Laboratory was published in *Proc. JCF14***
3. **A Lecture “The Science of the Cold Fusion Phenomenon” was given at Annual Meeting of Technology Branch of Japan Water Jet Society on May 23, 2014 by Dr. H. Kozima**
4. **Present Status of the E-CAT**

## **1. *Proceedings of the 14th JPS Meeting* was published**

*Proceeding of JCF14* (electronic version) was published and posted at JPS website:

<http://jcf14.org/file/jcf14-proceedings.pdf>

## **2. Four papers from Cold Fusion Research Laboratory was published in *Proc. JCF14***

Following four papers from the Cold Fusion Research Laboratory was published in the above Proceedings of JCF 14.

- (1) H. Kozima and K. Kaki, “Atomic Nucleus and Neutron — Nuclear Physics Revisited with the Viewpoint of the Cold Fusion Phenomenon,” *Proc. of JCF14: 14-5*, pp. 47 – 76 (2014)
- (2) H. Kozima, “Nuclear Transmutation in Actinoid Hydrides and Deuterides,” *Proc. of JCF14: 14-6*, pp. 77 – 84 (2014).
- (3) H. Kozima, “Nuclear Transmutations (NTs) in Cold Fusion Phenomenon (CFP) and Nuclear Physics,” *Proc. of JCF14: 14-15*, pp. 168 – 202 (2014)
- (4) H. Kozima, “The Cold Fusion Phenomenon – What is It?” *Proc. of JCF14: 14-16*, pp. 203 – 230 (2014)

## **3. A Lecture “The Science of the Cold Fusion Phenomenon” was given at Annual Meeting of Technology Branch of Japan Water Jet Society on May 23, 2014 by Dr. H. Kozima**

The resume of the lecture (in Japanese) is posted at the following CFRLwebsite:

<http://www.geocities.jp/hjrfq930/News/NewsPrefaces/JWJSresume.pdf> /

#### 4. Present Status of the E-CAT

We have discussed already the nature of the E-CAT machine based on the science of the Ni-H system elaborated by Focardi group for more than 10 years in the *CFRL News* No. 83 posted at CFRL website:

(<http://www.geocities.jp/hjrfq930/News/CFRLJpnNews/CFRLNs83.pdf> )

There have been many discussions in internet groups in which we can not access the raw data of the machine at all. Now, there is an article of a new book “*An Impossible Invention*” by a Swedish journalist Mats Lewan in *ECAT News* (03 Apr 2014) at the E-CAT website: <http://ecat.com/news>

There is posted a full text of the Chapter 1 of the book which seems useful to look into the material presented by a journalist while the raw experimental data could not be reached at from the content of the Chapter 1.

We hope rather scientific materials of such a machine as E-CAT could be given for researchers in this field.