

## ***CFRL English News* No. 81 (2013. 5. 20)**

Cold Fusion Research Laboratory (Japan) by Dr. Hideo Kozima, Director

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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. 81 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. Three papers presented at JCF13 have been accepted for the Proceedings of JCF13**

**2. B. Josephson has wrote M. Fleischmann obituary (Guardian, Friday 31 August 2012)**

**3. Akio Hiraki, “Is it a New Technique to Reduce Radioactivity, or a Midsummer Night’s Dream?” (*Japan MRS News*, 24, No. 4, November 2012. in Japanese)**

**1. Three papers presented at JCF13 have been accepted for the Proceedings of JCF13**

As announced in the previous News (CFRL News No. 80), we have presented three papers at JCF13 held in Nagoya on December 8 – 9, 2012). The papers have been accepted for publication in *The Proceedings of JCF13* which will be published soon and also uploaded at JCF website; <http://jcfrs.org/file/jcf13-proceedings.pdf>

The original version of our papers to be published in *The Proceedings of JCF13* has been posted at CFRL website:

<http://www.geocities.jp/hjrfq930/Papers/paperr/paperr.html>

## **2. B.D. Josephson has wrote M. Fleischmann obituary (Guardian, Friday 31 August 2012)**

**B.D. Josephson, “Martin Fleischmann obituary — Distinguished electrochemist whose claims for cold fusion have yet to find widespread acceptance — (*Guardian*, Friday 31 August 2012)**

In the obituary printed in the above issue of *Guardian*, B. Josephson explained briefly the life of M. Fleischmann and introduced his achievement especially in the Cold Fusion Phenomenon (CFP). It is natural to estimate the work done by Fleischmann correctly without such bias written in the book by Huizenga. He also comments on the DOE reports in 2004 and recent applications of the CFP. Josephson’s obituary of M. Fleischmann is cited at CFRL website:

<http://www.geocities.jp/hjrfq930/Science/sciencee/sciencee.html>

By the way, the DOE Reports 1989 and DOE Reports 2004 is not uploaded at DOE website now but we can read them fortunately in the following New Energy Times websites:

<http://newenergytimes.com/v2/government/DOE/DOE.shtml>

<http://newenergytimes.com/v2/government/DOE2004/7Papers.shtml>

**3. Akio Hiraki, “Is it a New Technique to Reduce Radioactivity, or a Midsummer Night’s Dream?” (*Japan MRS News*, 24, No. 4, November 2012. in Japanese)**

In Fukushima region suffered by 3.11 Accident of Fukushima Atomic Power Station, a measurement was performed showing a drastic decrease of radioactivity using nano Ag particles and presented at a Seminar in KEK last autumn. Professor A. Hiraki of Osaka University has written an essay about the cold fusion phenomenon and a possibility to decrease the radioactivity of hazardous radioactive nuclei. His paper shows a scientific consideration on the problems in the frontier of science but in Japanese unfortunately. The paper is posted at CFRL website:

<http://www.geocities.jp/hjrfq930/FTEssay/Essaysj/esjpn.html>

As we have written before (*Discovery of the Cold Fusion Phenomenon*, Ohtake Shuppan, 1998. ISBN 4-87186-044-2. Sec. 12.19), the progress of a science does not occur straight forward and sometimes the application proceeds before the science is formulated. One of such cases is the realization of Watt’s steam engine in the year of 1769, 80 years before the formulation of the Second Law of Thermodynamics.