CFRL English News No. 82 (2013. 11. 20)

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

E-mail address; http://www.geocities.jp/hjrfq930/, http://web.pdx.edu/~pdx00210/ (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. 82 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. JCF14 will be held on December 7 and 8 in Tokyo
- 2. *Infinite Energy,* Issue 112 (November/December 2013) was published with an article "LENR Modeling: Nine Theoretical Papers"
- 3. A Monthly Journal "Yano E plus" published by Yano Economy Research Institute issued an Article on the cold fusion phenomenon "A Recent Trend in the Research of the Cold Fusion Phenomenon" by a reporter Mr. Namiki (in Japanese)
- 1. JCF14 will be held on December 7 and 8 in Tokyo

Date: December 7 (Saturday) \sim 8 (Sunday)

Place: Tokyo Institute of Technology, Room 501 in Building South 8

Details are posted at JCF website: http://jcfrs.org/jcf14.pdf

JCF14 Chief Administrator: Hiroo Numata, Faculty of Science and

Technology, Tokyo Institute of Technology http://jcfrs.org/NEW.HTML

2. Infinite Energy, Issue 112 (November/December 2013) was published.

This issue contains an article "LENR Modeling: Nine Theoretical Papers "introducing main theoretical works on the cold fusion phenomenon. This issue is posted at Infinite energy website:

http://www.infinite-energy.com/iemagazine/issue112/index.html

ARTICLES

Experimental Implications of Neutron Isotope Theory John C. Fisher	7
On the Phonon Model in Cold Fusion/LENR Peter L. Hagelstein	12
A Theory of LENR Transmutations	
Valerio Dallacasa and Norman D. Cook	18
A Theory of LENR Based on Crack Formation Edmund Storms	24
Lochon and Extended-Lochon Models for LENR in a Lattice	
A. Meulenberg and K.P. Sinha	29
Application of Coherent Correlated States of Interacting Particles	
V.I. Vysotskii and M.V. Vysotskyy	33
Trapped Neutron Catalyzed Fusion Model with an Adjustable Parameter	
Hideo Kozima	39

Femto-Atom and Femto-Molecule Models of Cold Fusion A. Meulenberg 41

Some Implications of the Oscillators-in-a-Substance Model D. Sinclair 49

The article "Trapped Neutron Catalyzed Fusion Model with an Adjustable Parameter" by H. Kozima explains the newest version of the model briefly but perfectly in the limited pages imposed by the editorial board. The full explanation of the model in its present status evolved from its original version, presented at ICCF4 held in Hawaii, USA on December 1993 and explained its developed version in a book *The Science of the Cold Fusion Phenomenon* published by Elsevier in 2006, will be given at JCF14 in this December. The article in the Infinite Energy #112 is posted at this site.

There are other interesting articles in *Infinite Energy* No. 112 that we can read freely such as "Overview of ICCF18" by Nagel and "An Interview with G. Miley" in <u>DOWNLOAD FREE SELECTION OF ARTICLES</u>

3. A Monthly Journal "Yano E plus" published by Yano Economy Research Institute issued an Article on the cold fusion phenomenon "A Recent Trend in the Research of the Cold Fusion Phenomenon" by a reporter Mr. Namiki (in Japanese)

Issue *No.* 068 of "*Yano E plus*" published on November 2013 contains an article "A Recent Trend in the Research of the Cold Fusion Phenomenon" on pp. 45 – 61 (2013). http://www.yano.co.jp/eplus/

This article is in a genre 《Environmental and Energy related Articles》 with a short comment as follows:

•A Recent Trend in the Research of the Cold Fusion Phenomenon

There are many evidences showing nuclear transmutations in solids! The mechanisms of these events have not revealed yet and waiting their resolution in near future.

Such trend appeared in journals for general readers will make the research of the cold fusion phenomenon popular and give stimulation for researches in this field.