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

E-mail address; hjrfq930@ybb.ne.jp, cf-lab.kozima@pdx.edu

Websites; <http://www.geocities.jp/hjrfq930/>, <http://web.pdx.edu/~pdx00210/>

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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.106 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. JCF19 will be held on Nov. 9 – 10, 2018 in Morioka, Japan**
- 2. A Paper “Nuclear Transmutations and Stabilization of Unstable Nuclei in the Cold Fusion Phenomenon” has been published in *Reports of CFRL***
- 3. A paper “Development of the Solid State-Nuclear Physics” was presented at ICANP-2018.**
- 4. ICCF21 was held in Colorado, USA**
- 5. The activity of our JCF is started to be esteemed very high among CF researchers around the world - The eye is blind if the mind is absent**

1. JCF19 will be held on Nov. 9 – 10, 2018 in Morioka, Japan

The 19th Annual Meeting of Japan CF-Research Society (JCF19) will be held in Morioka, Japan on November 9 – 10, 2018.

The Program of the Conference was issued and posted at JCF website; <http://jcfrs.org/>

The Program is also posted at the CFRL website together with this News No. 106.

The Abstracts of papers to be presented at the Conference will soon be posted at the above JCF website. The abstracts of three papers to be presented at the Conference from

CFRL are posted at CFRL website together with the Program of JCF19;

<http://www.geocities.jp/hjrfq930/News/news.html>

2. A Paper “Nuclear Transmutations and Stabilization of Unstable Nuclei in the Cold Fusion Phenomenon” has been published in *Reports of CFRL*

The extended version of the paper “Nuclear Transmutations and Stabilization of Unstable Nuclei in the Cold Fusion Phenomenon” presented at the *International Conference on the Application of Microorganisms for the Radioactive Waste Treatment*, (held on May 18, 2018 at Pukyung National University in Busan, Korea) was published as *Reports of CFRL* 18-1, pp. 1 – 31 (June, 2018) and posted at CFRL website:

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

The Proceedings of the paper presented at the above International Conference will be published in *Journal of CMNS* soon.

3. A paper “Development of the Solid State-Nuclear Physics” was presented at ICANP-2018.

International Conference on the Atomic and Nuclear Physics 2018 (ICANP-2018) was held in Osaka on July 24, 2018 at ANA Crowne Plaza Hotel.

The program of the Conference is posted at Scientific Federation website;

<http://scientificfederation.com>

We presented a paper “Development of the Solid State-Nuclear Physics” at the Conference as the first paper from 9:30 – 10:20 a.m.

The brochure of our presentation distributed among participants is posted at this webpage after this News;

<http://www.geocities.jp/hjrfq930/News/news.html/>

4. ICCF21 was held in Colorado, USA on June 3 – 8, 2018 at Colorado State University, Colorado, USA.

ICCF21 was held as written in this title and the details are posted at ICCF21 website;

<https://www.iccf21.com/>

Appendix: Arrogant Comment on the Presentation at ICCF21

Incredible in normal Scientific Conferences, someone (Mr./Ms. X) made his/her personal evaluation of the papers presented at the Conference and announced it semi-privately. Isn't it too arrogant to express openly such a private judgement on papers

presented at Conference.

The following is the oracular pronouncement made on June 6, 2018 on the presentations at ICCF21 held on June 3 – 8, 2018 at The Lory Student Center at Colorado State University.

Comment by Mr./Ms. X

“Overall, I would say the people selected to give oral presentations have upped their game. The quality is better than most previous conferences. Several other experimental papers impressed me. I will list them below. Here are all the abstracts:

https://www.dropbox.com/sh/sp71neccl4mfv2w/AABLXuUL0v3NrY7BPYPKDA_a?dl=0

Letts & Cravens

Mizuno (if I do say so myself)

Takahashi

Hioki

- These two describe different aspects of the same project. Unfortunately, the funding for it ended last year

Tanzella

Staker

Beiting

Biberian

Olafsson

Zeiner-Gunderson

- Both about Holmlid. Not exactly cold fusion, but good.

That's just the first two days. Impressive.

Note that I cannot judge theory papers and I have nothing to say about them.”

It is interesting to notice from the last sentence cited above that he has confidence in judgement on experimental papers.

5. The activity of our JCF is started to be esteemed very high among CF researchers around the world

– The eye is blind if the mind is absent –

Hideo Kozima July 10, 2018

Recently, I have encountered following sentences written by Dr. X, an excellent experimentalist worked in this field since the beginning of the CF research in 1989. He confessed and apologized his unawareness of the activity of JCFRS (Japan CF-Research Society) until now as usual as Western researchers. Here are two sentences (1 and 2) from his semi-private or quasi-public mails to his friend (Some words are colored at citation and references are given with asterisk (*)).

1.

“You are correct that I did forget this set of publications (*Proceedings of JCFs*). People should note that JCFRS is an English language resource and papers are peer reviewed. With our Japanese colleagues contributing an increasing share of the work load - especially to the gas phase work - this source of creativity and solid results should not be overlooked. Please check it out; **there are some very important papers that are only available on this site** (http://jcfrs.org/proc_jcf.html).

My apologies to you and to the Japanese research community. None of us in the West should ever forget that it was **Minoru Toyoda** who - almost single handedly - rescued the ‘baby’ of cold fusion with his IMRA activities. Work in Japan has continued solidly. You are making great progress.” (Italic words in parentheses were added at citation)

2.

“I do confess not to have used JCFRS as a primary “go-to” resource. I will try to be more careful. This has become a very professional publication with some high quality technical papers (well edited). **Although it may not be “politically correct” I found Kozima’s “Sociological History” in the latest also very illuminating.***

Good luck with your work. I am increasingly becoming convinced (as you have been now for more than a decade) that gas phase is the way to go and that H may be a “real” possibility as fuel.”

*[H. Kozima, “The Sociology of the Cold Fusion Phenomenon – An Essay –“ *Proc. JCF17*, **17-13**, pp. 148-219 (2017), ISSN 2187-2260 and posted at the JCF website; http://www.jcfrs.org/proc_jcf.html (H.K.)]

His opinion expressed in these sentences taught me an atmosphere in the research community in this field. Besides these general impression, I have noticed following points which I want to explain in following items a. – c.

- a. 1. “Please check it out; *there are some very important papers that are only available on this site* (http://jcfrs.org/proc_jcf.html).”

This sentence tells us that he noticed important papers in the *Proceedings of JCFs* despite of databases on the CF papers edited for many years for free access. It is thankful for us to have his notice to the papers published in the *Proceedings of JCFs*.

b. “ - - it was Minoru Toyoda who - almost single handedly - rescued the ‘baby’ of cold fusion with his IMRA activities.”

It is my pleasure to read the praise for Mr. Minoru Toyoda who had supported CF research from the beginning until now through a fund established by him. The JCFRS is receiving a financial support every year even now.

c. 2. “Although it may not be “politically correct” I found Kozima’s “Sociological History” in the latest also very illuminating”

It is interesting to have his refer to my paper “The Sociology of the Cold Fusion Phenomenon” (*Proc. JCF17*, 7-13, pp. 148 - 219 (2017), ISSN 2187-2260). To confirm what he means by “very illuminating” in his sentence, I have consulted with OED and found following explanations:

OED

Illuminate v.

1. (*trans.*) To light up, give light to.
- b. To give light to, or **remove blindness from (the eyes)**, esp. *fig.* in religious sense.
2. To shed spiritual light to; to **enlighten spiritually**.
3. To enlighten intellectually; to **give knowledge or understanding to**.
4. To throw light upon (a subject); to **make luminous or clear; to elucidate**.
5. To make resplendent or illustrious; to shed a luster upon.
6. To decorate profusely with lights, as a sign of festivity or in honour of noble person or some event.
7. To set alight, light, kindle.
- b. *intr.* To take fire, to kindle.
8. To decorate (an initial letter, word, or text, in a manuscript) with gold, silver, brilliant colours, or elaborate tracery and miniature designs, executed in colours; to adorn (a manuscript, inscription, text, etc.) with such decorative letters and miniatures.

OED Supplement

Illuminate v. Add:

1. c. To direct a beam of any kind of radiation at (an object or region); used esp. of radio waves or microwaves in connection with radar and telecommunication.
7. b. (For dict. entry read;) *intr.* To take fire, to tight up; of a town, etc.: to be decorated with lights as a sign of festivity or celebration. Also to become excited (see also quot.

1926).

In the spiritual and intellectual meaning, the items 1b. – 4. for the **illuminate** may be relevant to his sentence. To my astonishment, these meanings give the “very illuminating” a praise for the paper.

If this interpretation is right, I am very glad to have an appropriate estimation of my works for about 25 years since the first paper presented at *ICCF4* held in Hawaii in 1993 and published in 1994 (H. Kozima, "Trapped Neutron Catalyzed Fusion of Deuterons and Protons in Inhomogeneous Solids," *Trans. Fusion Technol.*, **26**, pp. 508 - 515 (1994), ISSN 0748-1896.)

About the sentences by Dr. X as cited above, there have appeared several comments on the “very illuminating” paper. It is, however, regrettable to see that these comments equally seemed not to understand the meaning given by the writer correctly and the words were “*the pearls before swine*” or proved the commenter’s “*eye is blind if the mind is absent.*”