

## ***CFRL English News No. 84***      (2014. 01. 10)

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. 84 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 Dignity of the Scientist**
2. **Obituary: Prof. John O’Mara Bockris (1923 – 2013)**

### **1. On the Dignity of the Scientist**

Science is a human activity to explore the truth in this world, as we understand it to be. A representative episode telling this phase of the scientific activity was shown up in an episode of Mme. Marie Curie against the patent of radium (cf. *The Science of the Cold Fusion Phenomenon, Topic 3. Radium and Patent*). She rejected instantaneously the proposal of her husband Pierre to apply a patent for the radium purification technique (Eve Curie, *Madame Curie*, Doubleday, Doran & Company Inc., Garden City, New

York, 1938).

I know it was a legend of history and we are now in different age. However, the essence of the science could not change in any social circumstance. The value of science, arts, and philosophy as spiritual activities of human beings is the eternal heritage of mankind.

An episode about a presentation at JCF14 held on December 7 and 8, 2013 was unpleasant one contradicting to the nature of the science. It should be revealed the whole story of the episode to confirm that the investigation of the cold fusion phenomenon is done as a usual science not for pursuit of profit reported sometimes sensationally.

There is a mail group (x group) in researchers to communicate information about cold fusion phenomenon and related news. After the JCF14 Meeting, there appeared a mail (Mail 1). The cold fusion phenomenon is a phenomenon including various events occurring in interdisciplinary field between solid state physics and nuclear physics prospered in 20<sup>th</sup> century. As we know well, the events show clearly occurrence of nuclear reactions in room temperature solids inexplicable by common senses of the existing science. So, we are met with difficulty to understand them scientifically.

In almost a quarter of a century, our pioneers have met unreasoning blames as we read in such a book by G. Taubes, *Bad Science – The Short Life and Weird Times of Cold Fusion* (Random House, New York, 1993). The late Professor Martin Fleischmann (cf. CFRL News No. 79) and the late Professor John O'M. Bockris (cf. next article of this News) were not exceptions who were the targets of his accusation of the invention of data.

Present situation surrounding us is not so much changed. And we have to be careful in our behavior of our scientific activity not to cause suspicion in scientific world. The mail (Mail 1) with lies about facts presented at JCF14 made me write a mail with a title “Lying and Thieving” (Mail 2) to **x group** to realize our situation and to be prudent in our scientific activity of cold fusion phenomenon not naming the mailer YY.

However, the mailer of Mail 1, YY, sent back a mail (Mail 3) which made me write a response (Mail 4) and accordingly the Mail 6 where I could know the writer XX of the sentence that YY translated into English. I would like to explain the process below with some duplication to this sentence not exhibiting the names XX, YY and the x group explicitly.



left the group. I sent a mail (Mail 2) to x group without names of the mailer of Mail 1.

## 2. [Mail 2]

**My mail to YY**

**Lying and Thieving**

Dec. 14, 2013 Saturday 11:44 a.m.

From: "hjrfaq930@ybb.ne.jp" <hjrfaq930@ybb.ne.jp>

To: x group

Dear all,

My old friend Peter Gluck left this group with the final words "I apologize and I will retreat from CMNS. Making seppuku." This is not a single experience of losing old members from our group in recent years. I have had many useful information from letters sent from the x group and am thankful for the writers of these scientific letters. However, it seems that atmosphere of this group has been changing gradually to shift from fact-based communication to exclamations based on fantasy.

I was very surprised reading a comment on the JCF14 appeared few days ago. In the comment, there is an explanation of atmosphere of the Meeting of JCF14 based on an event not occurred actually. The explanation seems to intend to praise a work but is doing "He-ki no He-ki-tao-she (proverb in Japanese)" i.e. "Doing something with intention to praise someone but looking down him actually by that act." There is another popular saying in Japan that "Lying is the first step to thieving," (Woo-saw wa dou-row-bow no haji-mari, in Japanese).

Blames and praises in a community based on fantasies surely spoil and destroy atmosphere and human relations in the community. We have to say something among friends only based on facts we know.

Hideo Kozima as a participant of JCF14



**YY sent me back his mail.**

## 3. [Mail 3]



#### 4. [Mail 4]

My mail to YY.

**Re: Lying and Thieving**

Dec. 14, 2013 Saturday 12:50 p.m.

From: "hjrffq930@ybb.ne.jp" <hjrffq930@ybb.ne.jp>

To: x group

<Which comment do you mean?>

- -it was met with a standing ovation, - - -

<That does not look like Japanese to me. Try writing it in Japanese>.

鼻根の引き倒し

◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆

YY sent me back a mail (Mail 5) to ask me his questions.

#### 5. [Mail 5]

Mail from YY.

From: YY

To: x group

Date: Dec. 15, 2013, Sun 01:05 p.m.

Subject: **Re: Lying and thieving**

<[hjrffq930@ybb.ne.jp](mailto:hjrffq930@ybb.ne.jp)> wrote:

Which comment do you mean?

<it was met with a standing ovation, >

**Well, that is what XX told me. His exact words were:**

発表は大変好評であった。珍しくスタンディングオベーションを受けていた。

I wasn't there, so I wouldn't know.

That does not look like Japanese to me. Try writing it in Japanese.

<鼻根の引き倒し>

hiiki no hikodaoshi.



JCF14-7 X.F. Wang, T. Mizuno, Y. Arata, “Synthesis of nano-Pd particles in Y-Zeolite pores by ultrasonic irradiation,”

I have a vague impression about this paper. The paper presented a method to make the nano-Pd particles absorbed effectively into the pores of Y-zeolite with a size of 0.8 nm by application of 35 kHz ultrasonic wave but is only a preliminary work for a further cold fusion experiment. The idea applying a ultrasonic wave reminded me to sieve effectively a grain out of a mixture of the grain and husks by application of an oscillation with an appropriate frequency to the sieve.

I have asked five friends of mine attended at the presentation to obtain more information about its contents getting any more important information than my impression written above.

I have been working for more than twenty years in this field of the cold fusion phenomenon analyzing experimental data sets presented at conferences and printed in journals accepting them as they were. Some people have given me advices about the reality of some data sets directly but I accepted the data sets without doubt.

I hope that our research field has been a sound one full of a scientific spirit and researchers have the dignity of the scientist even if we have difficulty in experiments and theoretical works in this interdisciplinary field where necessary and sufficient conditions for the phenomenon are uncertain yet.

(Note)

There is no reply to my mail [Mail 6] from YY by January 10, 2014.

## **2. Obituary: Prof. John O’Mara Bockris (1923 – 2013)**

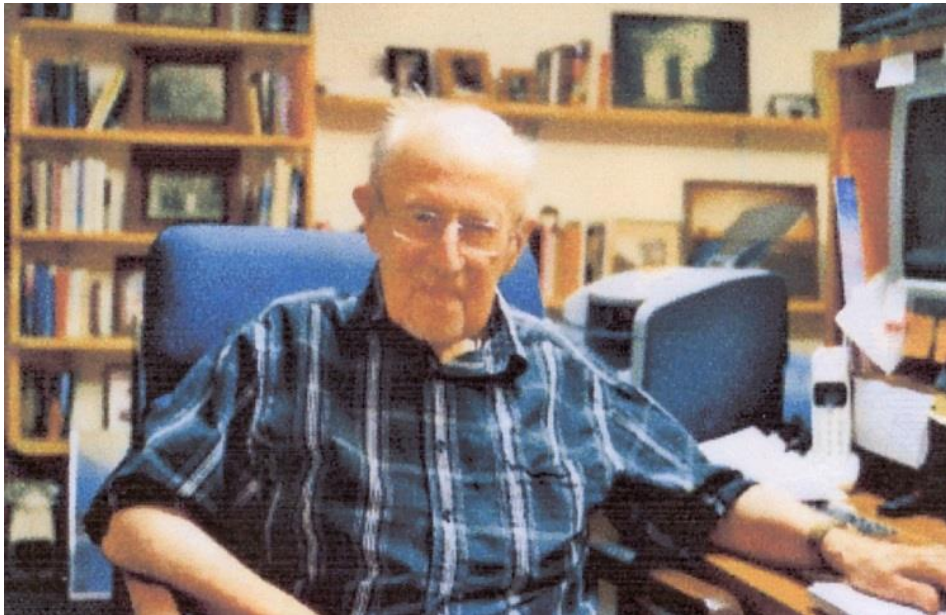
By Stephen Fletcher

<http://link.springer.com/journal/10008/18/1#page-1>

The obituary to John O’M. Bockris by S. Fletcher was published in *J. Solid State Electrochemistry* (online version), 19 December 2013. The article tells us;

Bernhardt Patrick John O’Mara Bockris (born 5 January 1923 in Johannesburg, South Africa) died 7 July 2013 in Gainesville Florida.





John O'Mara Bockris (1923 – 2013)

An essay “**Cold Fusion 1999**” by Prof. John O’M. Bockris is posted at the following CFRL website;

<http://www.geocities.jp/hjrfq930/FTEssay/Essays/Bockris.htm>