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News のバックナンバーその他は下記ウェブページでご覧になれます
http://www.geocities.jp/hjrfq930/News/news.html/

常温核融合現象 CFP (The Cold Fusion Phenomenon)は、「開いた（外部から粒子とエネルギーを供給され、背景放射線に曝された）、非平衡状態にある、高密度の水素同位体(H and/or D)を含む固体中で起こる、核反応とそれに付随した事象」を現す言葉で、固体核物理学(Solid State-Nuclear Physics)あるいは凝集体核科学(Condensed Matter Nuclear Science) に属すると考えられています。

CFRL ニュース No.106 をお送りします。この号では、次の記事を掲載しました。

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. **視れども見えず、聴けども聞こえず**

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

JCF19 が表記のように開催されます。
プログラムが発表されましたので、下記ウェブサイトの、このニュース CFRL News No.106 の次に PDF ファイルを添付します。
Abstracts は JCF ウェブサイトに掲示される予定とのことですが、Cold Fusion Research Laboratory (CFRL) から発表予定の 3 論文の Abstracts を PDF ファイルとして、プログラムの次に添付しますので、ご覧ください。
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.

表記の国際会議が開催されました。詳細は次の ICCF21 ウェブサイトに掲示されています。
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 a 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/sp71necll4mfv2w/AABLXuUL0v3NrkY7BPYPKDA_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.

4. 視れども見えず、聴けども聞こえず

Hideo Kozima
July 10, 2018

最近、次に引用するような文章に出くわしました。我々の JCF における活動が、どのように受け取られていたかを示すと同時に、漸くアメリカの優れた実験家（X 氏）が JCF の活動に注目してくれたことを知ることができて、参考に

なりました。

ICCF には参加するが JCF には目もくれないという研究者がいるという状況であるだけに、JCF の活動を高く評価する認識を私的にでも表明する外国の研究者が現れたことは、私のように外国への足を奪われてしまった研究者にとっては救いです。

まず、X 氏の二つの文章を引用します（赤字表示は引用者）：

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 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.)]

解説するまでもないことかもしれませんが、X 氏の文章を読むと、次のようなこと(a. – c.)が浮かび上がってきます。

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)."

彼がこれまで注目してこなかった論文が *Proceedings of JCFs* には含まれてい

ることを、多分自責の念もこめて欧米の研究者に訴えてくれているのが、この文章だと読むことができそうです。

b. 1. “it was Minoru Toyoda who - almost single handedly - rescued the ‘baby’ of cold fusion with his IMRA activities.”
常温核融合現象の研究にたいする豊田稔氏の支援を正当に評価してくれているのは、今でも彼の恩恵を被っている日本の CF 研究者として嬉しいことです。

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

自分の論文を取り上げてくれているのは光栄ですが、多少面はゆい感じがしないでもありません。しかし、戦後の貧しい英語教育で育てられた私にとって、illuminate という単語は普段の使用領域の外にあるので、辞書を引いて確かめたくなったのも事実です。恥を承知で蛇足を加えると、普段は開いたこともない OED に、次のような説明がありました。

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).

X 氏が illuminate をどのような意味で使っているのか分かりませんが、精神的な意味とすると 1.–3. で赤字表示したようなことでしょうか。”very illuminating” というのは、少し大げさすぎる表現ではないかとも思われます。OED に出ていないような他の用法があるのかもしれません。

それはともかくとして、かなり高く評価してくれている様子なのは、贔屓目に見ても分かるような気がします。嬉しいことです。これからも誠心誠意、常温核融合現象の解明に微力を尽くしたいと思う気持ちに、叱咤激励を受けた気持ちになってもおかしくないとご理解いただけるでしょう。

その後、X 氏のこの文章に対して、2，3 のコメントがあるのを知りました。その詳細は省きますが、illuminating を他の意味に解釈しているようなコメントでした。それは、「視れども見えず、聴けども聞こえず」とか、「馬を水辺に連れて行くことはできても、水を飲ませることはできない」という諺を思い出させるようなもので、科学の前進に寄与するとは思えない心理を表しているように感じたことでした。