

**Role of Russian Scientists in
Cold Nuclear Transmutation –
Condensed Matter Nuclear Science
(According to Conferences Proceedings,
1991-2007)**

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- It is observed formal statistic analysis of the Russian scientists' personal activity (together with Ukrainian scientists) according to their publications in different Cold Fusion Conferences Proceedings. Among these conferences are following:
- 11 International Conferences on Cold Fusion (3-13 ICCF, 1992-2007);
- Soviet Union Conference on Cold Nuclear Fusion (JINR-MSU, 1991);
- Soviet Union Seminar on Chemistry & Technology of Hydrogen (Zarechnyi, 1991);
- 2-d International Symposium on Cold Fusion (Minsk, 1994);
- all 14 Russian Conferences on Cold Nuclear Transmutation (Abrau-Dyurso, Sochi, Dagomys, 1993-2006).
- It is also analyzed total number of Russian scientists publications in International Conferences on Cold Fusion compared to publications from other countries.
- This analysis has demonstrated the considerable contribution of Russian Scientific Community to the World Cold Fusion researches.

- **At once after M.Fleishmann and S.Pons's message at press conference on 23 March 1989 and in a scientific press [1,2] about discovery of the new phenomenon named by them as Cold Nuclear Fusion the Russian scientists have actively joined in its research.**
- **Moreover, some researches have been lead even earlier [3,4,5], but they were not considered by authors, as essentially new direction in a science (mechanoemission by Deryagin B.V.), or simply were not published in scientific editions as contradicting orthodox theoretical representations (Yaroslavskiy M.A).**

- **Therefore already on 1-st (and also last) Soviet Union Conference on Cold Fusion (SUC CF) it has been presented almost hundred reports from nearby fifty various scientific groups.**
- **It was the first large congress of Russian (and also Ukrainian and Belarus) scientists on a problem of Cold Fusion which took place in the 2-nd anniversary of opening of this phenomenon (22-23 March, 1991) in the Joint Institute of Nuclear Researches in Dubna and also has come to the end in the Moscow State University.**
- **Unfortunately, all its reports have not been published, and only Theses SUC CF [6] have been published.**

- **The following large meeting of the scientists who worked with problem ХЯС, was the Soviet Union Seminar (SUS) on “Chemistry and Technology of Hydrogen” (Zarechnyi, December 1991г.) where only Theses SUS [7] also have been published.**
- **At the first Seminar on CNF in September 1990 in Abrau-Dyurso near Novorossiysk where 30 participants have been presented and 20 their reports were heard. Unfortunately, materials of reports have not been published again.**

- **By this time orthodox scientific editions have already finally ceased to publish the theoretical and experimental materials, concerning areas of Cold Fusion.**
- **Therefore almost unique and basic publication for scientific community which by this moment was already finally generated and constantly continued the scientific researches, there was an Editorial board of Proceedings of Annual Russian Conference on Cold Nuclear Transmutation (RCCNT) [8].**

- **The very first RCCNT (more exact then it still referred to RCCNF) took place in September 1993 in Abrau-Dyurso near Novorossiysk on the basis of sport camp of the Rostov State University.**
- **It became long-awaited heiress to All-Union Conference on Cold Nuclear Fusion (1991).**
- **On it more than 30 Russian, Belorussian and Ukrainian scientists and also outstanding CNT representatives from abroad have been presented .**

- **On the second RCCNT (RCCFNT-2) which already took place in 19-23rd September, on the basis of a Rest House of the Moscow State University in Sochi, 39 scientists from Russia, Ukraine and Belarus and also from the far abroad.**

All the subsequent RCCNT (3-14, 1995-2006) were spent already invariable in a boarding house “Olympic-Dagomys” (Sochi). On each of them was present about 30 Russian (and also Ukrainian, Kazakh and Belarus) scientists with the reports and a little bit scientists of the far abroad.

- **For 14 years of work RCCNT it was visited by scientists from the far abroad of 48 times, including:**
- **from the USA - 14 times,**
- **from Japan - 12 times,**
- **from the Europe - 16 times**
(France, Italy, Germany, Austria, Portugal and the Great Britain),
from Israel - 1 time,
from China - 2 times and
from Korea - 3 times:

- 1) Harold Fox, Michael Mc Kubre, Melvin H. Miles (USA);
Jean-Pierre Vigier (France);
Akito Takahashi (Japan), 1993 - 1st RCCNF.**
- 2) Robert Smith, Talbot Chubb and Oleg Finodeev (USA);
Antonio Spallone (Italy);
Reiko Notoya (Japan), 1994 - 2nd RCCNF&T.**
- 3) Michael Mc Kubre, Robert Smith, Talbot Chubb (USA);
Jean-Pierre and Anna Millo (France);
Hideo Kozima, Kenji Fukushima, Ruichi Kubota,
Takehiko Itoh (Japan), 1995 - 3rd RCCNF&T.**
- 4) Hideo Kozima, Jiroto Kasagi, Ruichi Kubota (Japan), 1996
Michael Mc Kubre (USA);- 4th RCCNF&T.**
- 5) Robert Smith, Talbot Chubb (USA);
Xing Zhong Li (China); Swe-Kai Chen (Taiwan);
S. Miyashita (Japan), 1997 - 5th RCCNT.**

- 6) Joseph Gruber (Germany);
Reiko Notoya (Japan), 1998.**
- 7) Robert Smith (USA);
Fulvio Frisone (Italy), 1999.**
- 8) John Dash (USA);
Fulvio Frisone (Italy);
Ai-Yong Song (South Korea), 2000.**
- 9) William Collis (Great Britain);
Yang Hyunik, Ai-Yong Song (South Korea);
Fulvio Frisone (Italy), 2001.**
- 10) Gert Arnkhof (Austria);
Hideho Ofuruton (Japan);
Tanya Zilov (Israel), 2002.**
- 11) Fulvio Frisone, Garozzo Giuseppe (Italy), 2003.**
- 13) Antonio Roque (Portugal);
Peter and Susan Mobberley (Great Britain);
William Collis (Italy), 2005.**

- **Apparently from presented above a material all RCCNT, except for last 2, have been actively presented by foreign scientists from the Europe, Asia and America.**
- **RCCNT Veterans are:**
- **Robert Smith and Fulvio Frisone (4 times);**
- **Michael Mc Kubre and Talbot Chubb (3 times); and also**
- **William Collis, Reiko Notoya and Hideo Kozima (2 times).**

- **Also the Russian scientists actively attended all the International Conferences on Cold Fusion (ICCF) except for only ICCF-1 (March 1990) where our scientists still were absent. On ICCF-2 already there were 3 representatives from the USSR (Belyaev V.B., Vysotskii V.I. and Tsaryov V.A.). As on ICCF -1,2 the Russian reports it has not been presented, the last have been subjected to the statistical analysis only (3-13) International Conferences on Cold Fusion [9].**

- **Also the International Symposium on Cold Fusion (IS CF), passed in Minsk in 1994 [10] has been analyzed.**
- **In table 1 the material on number of the published reports in (3-13) ICCF Proceedings is presented. From the table it is visible, that last 5 years Russia on number of reports divides with Japan 2-nd and 3-rd places, conceding only the USA and, advancing Italy and considerably all other countries, including both China, and France. On last ICCF-13 Russia even has overtaken also the USA having left on 1-st place on number of the presented reports. And it is, despite of practically full absence of financing on a problem of Cold Fusion in Russia.**
- **An old Soviet stock of high potential of physical and chemical researches to that a basis while.**

Table 1.

№ ICCF	3	4	5	6	7	8	9	10	11	12	13
\\ Country											
USA	20	50	17	22	26	16	29	58	31	21	22
Japan	44	26	22	38	21	18	23	13	8	20	11
Russia	4	14	10	18	11	11	8	19	16	14	52
Italy	8	9	10	9	12	19	13	9	10	10	4
China	16	10	1	15	8	6	16	8	4	4	7
France	3	6	7	3	6	3	3	0	4	1	2
Other											
Countries	7	12	8	5	5	4	20	7	13	8	11
Full Reports											
number	102	127	75	110	89	78	113	114	86	78	109

- **The main “Gold” stock of high scientific physical and chemical potential in researches of Cold Fusion in Russia is its highly professional researchers managing in the hardest conditions of full disorder of a science in the country to spend solid theoretical and experimental researches, recognized by all international community as priority.**
- **Therefore in Table 2 and 3 personal activity of the main researchers of the Russian community on the Cold Fusion, received on the basis of quantity of publications accordingly in ICCF and RCCNT, SUCCF, SUSCF and ISCF is presented.**
- **From tables it is visible, that many Russian scientists, not having a financial opportunity to attend ICCF, actively enough work and are published in RCCNT Proceedings.**
- **Such professional activity of the Russian scientists allows to hope, eventually, will find a recognition and support and will allow the Russian science to bring still the defining contribution to World scientific and technical progress.**

- **Activity of the Russian scientific community on a problem Cold Nuclear Transmutation is coordinated by its Interdepartmental Coordination Committee (ICC), created at vice-president of the Russian Academy of Sciences, academician Nefyodov O.M. in 1995.**
- **Its chairmen in different years were academicians Kolotyркиn Ya.M., Baraboshkin A.N. and Kazarinov V.E.**
- **In 2004 in connection with reorganization of Presidium of the Russian Academy of Science, ICC also has been reorganized in the structure and has been registered at the Russian Physical Society by its president, professor Mikhailin V.V.**
- **The academician of the Russian Academy of Nature Sciences Rukhadze A.A. is now the new ICC CNT Chairman.**

Table 3.

№ RCCNT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Σ
Author \\ 1. Bazhutov Yu.N.	7	4	5	2	2	1	2	3	2	2	2	2	3	3	40
2. Romodanov V.A.	3	2	0	4	2	2	2	2	2	2	1	1	1	0	24
3. Skuratnik Ya.B.	3	3	0	4	2	2	1	1	2	0	0	0	0	0	18
4. Karabut A.B.	2	2	1	0	0	1	2	1	1	0	2	3	2	0	17
5. Savvatimova I.B.	2	2	1	2	2	0	1	0	1	1	0	2	2	0	16
6. Velikodnyi V.Yu.	0	0	0	0	0	0	0	0	2	2	1	4	2	3	14
7. Samsonenko N.V.	0	1	1	1	3	0	1	1	1	1	1	1	0	0	12
8. Rodionov. B.U.	0	0	0	0	0	0	0	2	1	2	1	1	2	3	12
9. Grishin V.G.	0	0	0	0	0	0	0	0	2	2	1	1	2	3	11
10. Vysotskii V.I.	3	1	1	0	2	0	0	2	0	0	1	0	0	0	10
11. Kuzmin R.N.	3	0	0	0	0	2	1	1	1	2	0	0	0	0	10
12. Lipson A.G.	1	2	2	2	0	2	1	0	0	0	0	0	0	0	10
13. Goryachev I.V.	0	0	0	0	0	0	0	1	1	1	2	2	3	0	10
14. Ereemeev A.V.	0	0	0	0	0	0	0	0	0	1	1	3	1	3	9
15. Baranov D.S.	2	0	0	0	0	1	0	3	0	0	0	1	0	1	8
16. Urutskoev L.I.	0	0	0	0	0	0	0	0	0	2	2	4	0	0	8
17. Fillipov D.V.	0	0	0	0	0	0	0	0	0	2	2	4	0	0	8
18. Shadrin V.N.	0	1	0	1	1	1	1	1	1	0	0	0	0	0	7
19. Nikitenko L.K.	0	0	0	0	0	0	0	0	0	1	1	2	0	2	6
20. Sapogin L.G.	0	2	0	1	2	1	0	0	0	0	0	0	0	0	6
21. Kornilova A.A.	0	0	1	0	1	0	0	2	0	0	1	0	0	0	5
22. Samgin A.L.	0	1	0	3	0	0	0	0	0	0	0	0	0	0	4
23. Zelenskiy V.F.	1	0	0	0	0	1	0	0	1	0	0	0	0	0	3
24. Tsvetkov S.A.	0	1	1	0	0	0	0	0	1	0	0	0	0	0	3
25. Koldamasov A.I.	0	0	1	1	0	1	0	0	0	0	0	0	0	0	3
26. Roussetski A.S.	0	0	1	0	1	0	1	0	0	0	0	0	0	0	3
27. Chernov I.P.	2	0	0	0	0	0	0	1	0	0	0	0	0	0	3
28. Kaliev K.A.	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
29. Savin Yu.V.	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2
30. Gareev F.A.	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2

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