

SIPS 2020&2021, in Honor of Nobel Laureate, Prof. Ferid Murad

2020 SIPS 2021



**DMITRIEV
INTERNATIONAL
SYMPOSIUM
on
Metal and Alloys**

Nov 28 - Dec 2, 2021, Hilton Phuket Arcadia, Thailand

CV of Prof.-Dr. Andrey Dmitriev

Scientific Curriculum Vitae

USSR (Russia), Born September 1950, married, two children

1. School Training		
1	1957 – 1966	High School №13, Urban Village Cheremukhovo, Sverdlovsk Region (USSA, Russia),
2	1967	High School №1, City Severouralsk, Sverdlovsk Region (USSA, Russia).
2. Academic Training		
1	1967-1973	Metallurgical Faculty of the Ural Polytechnic Institute, Sverdlovsk, USSR (nowadays Ural Federal University, Ekaterinburg, Russia),
2	1976-1979	Postgraduate Course, the Ural Polytechnic Institute, Sverdlovsk, USSR (nowadays Ural Federal University, Ekaterinburg, Russia), under the guidance of Prof. Boris Kitaev,
3	1979	Defense of the Dissertation on Competition of a Scientific Degree of Candidate of Technical Sciences, the Ural Polytechnic Institute, Sverdlovsk, USSR (nowadays Ural Federal University, Ekaterinburg, Russia),
4	1997	Defense of the Dissertation on Competition of a Scientific Degree of Doctor of Technical Sciences, the Institute of Metallurgy of the Ural Branch of the Russian Academy of Sciences (IMET UB RAS), Ekaterinburg, Russia.
3. Russian Professorships		
1	1973-1979	Engineer, Junior Researcher, of the Ural Polytechnic Institute, Sverdlovsk, USSR (nowadays Ural Federal University, Ekaterinburg, Russia),
2	1979-present	Senior Engineer, Junior Researcher, Senior Researcher, Head of Laboratory for Pyrometallurgy of the Processes Reduction (1998), Chief Researcher (2008), Institute of Metallurgy of the Ural Branch of the Russian Academy of Sciences (IMET UB RAS, Ekaterinburg, Russia),
3	2000-2009	The Head of Branch of Faculty «Thermophysics and Computer Science in Metallurgy» of the Ural State Technical University - Ural Polytechnic Institute in Institute of Metallurgy of the Ural Branch of the Russian Academy of Sciences (nowadays Ural Federal University, Ekaterinburg, Russia),
4	2001-2018	Professor of Chair of Iron and Alloys of Metallurgy of the Metallurgical Faculty of the Ural State Technical University - Ural Polytechnic Institute (nowadays Ural Federal University, Ekaterinburg, Russia),
5	2012-2020	Training of highly qualified personnel - candidates of technical sciences (Galina Vitkina, Maxim Zolotykh, Roman Alektorov (Petukhov)).
4. Scientific Directorships		
1	1999-present	Member of the Academic Council of Institute of Metallurgy of the Ural Branch of the Russian Academy of Sciences,
2	1999–2004	Judge of Ural Exhibitions, Ekaterinburg, Russia,
3	2001-present	Member and the Scientific Secretary of Dissertational Council D 004.001.01 in Institute of Metallurgy of the Ural Branch of the Russian Academy of Sciences on Defense of Dissertations on Competition of a Scientific Degree of Doctor and Candidate of Sciences (Ekaterinburg, Russia),
4	2002-present	Corresponding Member of the Russian Academy of Natural Sciences (Mining - Metallurgical Section),

5	2003-present	Corresponding Member of the Academy of Engineering Sciences of the Russian Federation named A.M. Prokhorov (Branch of Information Science and Computer Technique),
6	2003-present	Vice-President of the Ural Branch of Mining - Metallurgical Section of the Russian Academy of Natural Sciences,
7	2004-present	Member of Presidium of the Regional Ural Branch of the Academy of Engineering Sciences of the Russian Federation named A.M. Prokhorov,
8	2005-present	The Full Member (Academician) of the Russian Academy of Natural Sciences (Mining - Metallurgical Section),
9	2007-present	Member of WSEAS (World Scientific and Engineering Academy and Society),
10	2008-present	Full Member (Academician) of Academy of Engineering Sciences of the Russian Federation named A.M. Prokhorov,
11	2010-present	Member and Co-Founder of Non-Commercial Partnership Professional Organization «Forum of experts» (NCP PO «EXFO»),
12	2011-present	Member of The Russian Chemical Society named D.I. Mendeleev,
13	2011-present	Member of The Russian Academy of Natural History,
14	2011-present	Member of TMS (The Minerals, Metals & Materials Society),
15	2016-present	Member of BIT Congress Inc., China,
16	2017	Participation in the ERASMUS Program, University of Zagreb, Croatia.
5. Editorial Boards of Russian Scientific Journals		
1	2016-present	Scientific and technical journal "Izvestiya. Ferrous Metallurgy" ("Izvestiya vuzov. Chernaya metallurgiya"), ISSN: 0368-0797,
2	2016-present	FERROUS METALLURGY. Bulletin of Scientific, Technical and Economical Information (Scientific, technical and production journal). ISSN 0135-5910 (Print), ISSN 2619-0753 (Online).
6. Editorial Boards of International Scientific Journals		
1		Bulletin of the Innovative Eurasian University (ISSN: 1729-536X),
2		Modern Environmental Science and Engineering (ISSN: 2333-2581),
3		Journal of Energy and Power Engineering (ISSN: 1934-8983),
4		Journal of Materials Science and Engineering A (ISSN/EISSN: 21625298/21625301),
5		Journal of Materials Science and Engineering B (ISSN 2161-6221).
7. Awards		
1	1967	Silver Medal at the Leaving of High School,
2	1973	Honourable Diploma of a Student's Scientific Organization at the Ending of the Ural Polytechnical Institute,
3	1999	Honourable Letter of the Russian Academy of Sciences,
4	2004	V.E. Grum-Grzhimajlo Premium-Medal of the Ural Regional Branch of Academy of Engineering Sciences of the Russian Federation (V.E. Grum-Grzhimajlo - Well-Known Ural Metallurgist of XIX-XX centuries),
5	2007	Honourable Letter of the Government of Sverdlovsk Region,
6	2014	Silver Medal «Metal-Expo'2014», Russia,
7	2015	Award of the Governor of Sverdlovsk Region,
8	2016	Diploma of 1 degree and Gold Medal of the Petersburg engineering fair,
9	2016	Medal of Academy of engineering sciences named A.M. Prokhorov «For a contribution to development of engineering sciences»,
10	2018	Order of Academy of engineering sciences named A.M. Prokhorov «For a contribution to development of engineering sciences».
8. Dmitriev A.N. – 70th anniversary		
1		Dmitriev A.N. – 70. Ferrous Metallurgy. Bulletin of Scientific, Technical and Economic Information. 2020;76(8),
2		PROFESSOR A. N. DMITRIEV — 70. www.uran.ru/content/70-39. 2020.
9. Participation in the Organizing Committees of International Scientific Conferences		
1	2006-present	Member of the Scientific Committee of International Conferences “Diffusion in Solids and Liquids”,

2	2009	Member of the Organizing Committee of International Conference “The Creative Heritage of B.I. Kitaev”. Ekaterinburg, Russia,
3	2010	Member of the Scientific Committee of International Conference "Blast-furnace manufacture - XXI century". Moscow, Russia,
4	2011	Member of the International Scientific Committee Fray International Symposium on Metals and Materials Processing in a Clean Environment: Principles, Technologies and Industrial Practice. Cancun, Mexico,
5	2012	Member of the Organizing Committee of International Conference “The Theory and Practice of Thermal Processes in Metallurgy”. Ekaterinburg, Russia,
6	2012-present	Member of the Organizing Committee of Congresses “NIOKR” and “TECHNOGEN”, Ekaterinburg, Russia,
7	2013	Member of the Organizing Committee of Russian Conference “Scientific and practical conference of students, graduate students and young scientists”. Ekaterinburg, Russia,
8	2013	Member of the Organizing Committee of IFAC MMM2013 International Symposium on Control, Optimization and Automation in Mining, Minerals and Metal Processing, August 25-28, 2013, San Diego, California, USA,
9	2014	Member of the Organizing Committee of 2 nd International Conference “Advances in Metallurgical Processes & Materials“ AdMet2014, May 26-28, 2014, Kyiv,
10	2014	Member of the Organizing Committee of Shechtman International Symposium, 29 June - 04 July 2014, Cancun, Mexico,
11	2016	Member of the Organizing Committee of XX Mendeleev Congress on General and Applied Chemistry, Ekaterinburg, Russia,
12	2017	Member of the Organizing Committee of BIT's 5 th Annual World Congress of Advanced Materials-2017 (WCAM-2017), China, Xi'an,
13	2017	Member of the Organizing Committee of International Conference on Mechanics and Material Science (MMS2017), China, Guangzhou,
14	2017	Member of the Organizing Committee of 5 th Annual International Conference on Material Science and Environmental Engineering (MSEE 2017), China, Xiamen,
15	2018	Member of the Organizing Committee of BIT's 6 th Annual World Congress of Advanced Materials-2018 (WCAM-2018), China, Xiamen,
16	2018	Member of the Organizing Committee of International scientific and practical conference on "The High Performance Technologies of Non-Ferrous, Rare and Precious Metals Manufacturing" devoted to the metallurgy science and industry concerns and in memory of well-known scientist and Engineer of metallurgy, Associate Member of the National Academy of Sciences of Kazakhstan, the honoree of the State Prize of the Republic of Kazakhstan Bulat Baltakayevich Beisembayev, Almaty, Kazakhstan,
17	2018	Member of the Organizing Committee of “EuroSciCon Conference on Metal, Mining and Metallurgy”, Paris, France,
18	2018	Member of the Organizing Committee of 6 th Annual International Conference on Material Science and Environmental Engineering (MSEE 2018), Chongqing, China,
19	2019	A Chair of the Organizing Committee of 2 nd International Conference “Chemistry and Chemical Engineering 2019”, UAE, Dubai,
20	2019	Member of the Organizing Committee of International Conference “Material Science and Engineering 2019”, UAE, Dubai,
21	2019	Member of the Organizing Committee of 3 rd International Conference “Materials Science and Materials Chemistry 2019”, Austria, Vienna.
11. Participation in International Exhibitions and Fairs “Russia-China”		
1	2011-2018	Guangzhou (3), Harbin, Manzhou, Dongguan, Zhangjiagang.

10. Main Scientific Research Areas

Dmitriev’s researches correspond to 342 original research articles published in Russian and International journals and Proceedings, 13 Patents, 8 monographies and over than 184 Distinguished, Award, Invited and Plenary Lectures. Altogether, according to: the Web of Science database- h-index of 4 with 25 citation; Scopus - h-index of 6 with 122 citation; Russian citation index - h-index of 9 with 650 citation.

ORCID ID: 0000-0001-6446-0215.

Scopus Author ID: 7202389734.

Web of Science Researcher ID: H-8567-2017

Researchgate: https://www.researchgate.net/profile/A_Dmitriev4.

The basic scientific direction: development, perfection of mathematical models and their use for the analysis and optimization of processes involving ores.

It corresponds to the following areas:

Mathematical modeling of blast furnace smelting.

Processing of titanomagnetite ores.

Processing of brown-chromium, siderite ores, leucoxene concentrates.

Influence estimation of iron ore raw materials and coke quality on indicators of blast furnace smelting.

Monitoring the condition of the refractory lining of the blast furnace hearth.

Recycling of red mud.

A. Dmitriev, Prof.-Dr.
Personal and Professional Data

Birth date (and place)	September, 11 th , 1950 (in Elovo, USSR)
Citizenship	Russia
Marital status	Married, two children
Titles	Professor, Doctor of Technical Sciences, Chief Research Officer of Institute of Metallurgy of the Ural Branch of the Russian Academy of Sciences, Academician of Russian Academy of Natural Sciences Academician of Academy of Engineering Sciences of Russian Federation named A.M. Prokhorov
Positions and Affiliations	Institute of Metallurgy of the Ural Branch of the Russian Academy of Sciences
Address (Work)	101, Amundsen st., Ekaterinburg, 620016, Russia
Phone (Work)	+7 343 2678908
e-mail (Work)	andrey.dmitriev@mail.ru , andrey.n.dmitriev@gmail.com
Address (Home)	14/1-8, Krasnoles'ya st., Ekaterinburg, 620110, Russia
Phone (Home)	+7 343 2679710
Phone (Cell)	+7 912 6273118