


[ДМ/ДК]	№ 6(174) 2008 г.	[РМ/РС]
<p>"Эквивалент" — журнал в журнале, который на страницах "ДМ/ДК" освещает проблемы разработки и внедрения высоких технологий на рынке металлов платиновой группы и нанотехнологий в связи с развитием водородной энергетики. Выходит под редакцией заместителя председателя Экспертного совета по высоким технологиям, доктора химических наук, профессора А.А.ЕВДОКИМОВА.</p>		
ВЭБРО-2008		
Водородная энергетика будущего: регионы и отрасли 119		
<p>Конференция приурочена к Петербургскому международному экономическому форуму. Ее участники дают свои рекомендации к первому долгосрочному проекту развития водородной энергетика в России, который в настоящее время находится на стадии обсуждения.</p>		
А.С.СИГОВ, А.А.ЕВДОКИМОВ, В.В.ШИНКАРЕНКО. Проект Национальной научно-инновационной программы "Водородная энергетика" на период до 2050 года: обсуждение и доработка..... 122		
<p>Российские ученые и педагоги анализируют пути обсуждения и дальнейшей работы над проектом в свете развития энергоэкологического образования и водородного всеобуча.</p>		
Рекомендации в проект программы 150		
<p>Водородный клуб МИРЭА открыл на сайте ВЭБРО-2008 мониторинг обсуждения проекта на период до 2050 года и представляет первые предложения, которые рекомендует включить при его доработке.</p>		
Л.В.ЯШИНА, Ю.А.ДОБРОВОЛЬСКИЙ, Ю.Д.ТРЕТЬЯКОВ, С.М.АЛДОШИН. Наноструктурированные катализаторы для водородно-воздушных низкотемпературных топливных элементов: итоги и перспективы..... 152		
<p>Усилия исследований, проводимых в МГУ им. М.В.Ломоносова и Институте проблем химической физики РАН (Черноголовка, Московской области) РАН в области получения новых материалов, направлены на разработку новых наноструктурированных материалов на основе кластеров платины на различных носителях.</p>		
А.Г.ЗАБРОДСКИЙ, С.А.ГУРЕВИЧ (Санкт-Петербург). Высокоэффективные катализаторы на основе наночастиц Pt и Pd, полученные методом лазерного электродиспергирования..... 155		
<p>Главная цель сообщения ученых Физико-технического института им. А.Ф.Иоффе РАН: получение высокоэффективных катализаторов на основе наночастиц металлов платиновой группы. Разработана оригинальная технология получения наночастиц платины и палладия — метод лазерного электродиспергирования.</p>		
В.М.ЧЕРТОВ. России нужен свой водородный автомобиль..... 161		
<p>Так считает эксперт "ДМ/ДК": вице-президент двух некоммерческих организаций — Центра содействия развитию международного сотрудничества производителей и потребителей драгоценных металлов (Москва, Россия) и Информационно-технологической ассоциации по благородным и редким металлам (Донецк, Украина).</p>		
В.В.ВАСЕКИН, С.Л.ПЕРЕЛЬМАН, В.В.УЛЫБИШЕВ. Опыт разработки конструкций щелевых фильерных питателей в технологиях производства базальтовых волокон..... 167		
<p>Разработанная учеными и специалистами ФГУП "НПК "Суперметалл" конструкция может быть универсальной для технологических процессов выработки базальтовых волокон с использованием фильерных питателей щелевого типа.</p>		
ИЗ ПОРТФЕЛЯ ВЭБРО-2008		
Водородная энергетика — самая перспективная идеология 171		
<p>Водородная энергетика как глобальная идея с 70-х годов XX века работает на конвергенцию капитализма и социализма, объединяя деловые, научные и общественные круги более 60 стран.</p>		
www.rdmk.ru	8	dragmet@rdmk.ru

[ДМ/ДК]	№ 6(174) 2008 г.	[РМ/РС]
 <p>INTERNATIONAL INFORMATIZATION ACADEMY — ASSOCIATED MEMBER OF THE UN</p>		
«PRECIOUS METALS. PRECIOUS STONES»		[РМ/РС]
№ 6(174) 2008		
CONTENTS		
EVENT OF THE YEAR		
THE MAIN FORUM OF RUSSIA		
Russia is summing up the results of the 12th St. Petersburg Economic Forum 12		
<p>On June 6th — 8th, 2008, over 10 thousand people participated in the Economic Forum in St. Petersburg, 800 of them representing mass media. Within the framework of the Forum, 11 conferences, 3 special working sessions, and 13 round tables were held. In total 256 persons presented their reports.</p>		
D.A.MEDVEDEV. The Forum is steadily acquires greater authority and recognition..... 15		
<p>— said the President of Russia while greeting participants and guests of the 12th St. Petersburg International Economic Forum. When speaking in front of them, he expressed a certainty that the Forum shall contribute into the generation of new ideas for the further successful development of Russia in particular and the world community in general.</p>		
Dmitry Medvedev awarded laureates of the Sixth International Prize "Global Energy" 21		
<p>The "Global Energy" Prize has been founded in 2002 urged by the leading Russian scientists. The decision regarding the prize awarding is made by an international committee consisting of 30 scientists from 10 countries.</p>		
I.I.SHUVALOV. By the end of this year we shall become the sixth largest economics in the world..... 23		
<p>In his speech at the Forum, the principal deputy of the Prime-Minister of Russia has emphasized five key problems which require solutions in our country. We need: 1) to overcome the pursuers' psychology; 2) to avoid the power pitfall; 3) to learn to switch aging skills for the forward ones; 4) to do away with the unhealthy lifestyle; 5) to reduce the influence of the state where it deems excessive.</p>		
PARTNERSHIP		
GOVERNEMENT AND BUSINESS		
D.A.MEDVEDEV. Concerning those exactions that are collected under pretty slogans..... 30		
<p>Right at the beginning of a working meeting with the Minister of Natural Resources and Ecology Yuri Trutnev, the President of Russia has acutely raised an issue of those officials who affixed themselves to the state machine in order to benefit from all sorts of bribes from the business.</p>		
www.rdmk.ru	9	dragmet@rdmk.ru

[ДМ/ДК]	№ 6(174) 2008 г.	[РМ/РС]
V.V.PUTIN. Do not forget about this.....	33	
The Chairman of the Government of Russia held a working meeting with the Minister of Education A.A.Fursenko regarding the Federal target program of training the scientific and technological staff.		
S.A.VYBORNOV. "ALROSA" might become transformed from a Closed to an Open Joint-Stock Company by August.....	35	
A tender of Sukhoy Log is announced	36	
The regional program of amber industry development is approved	37	
FAS (Federal Anti-Monopoly Service) shall control foreign investments	39	
Export/import of precious metals can now be conducted without licenses	39	
A.P.STAVSKY. New ideas in subsurface resources management: balancing interests of the center, regions and business.....	44	
I.Y.GHERDT (Krasnoyarsk). The leading refining enterprise of Russia.....	48	
MARKET LEADERS		
<u>MMC "NORILSK NICKEL"</u>		
The company's news	51	
<u>BLOG Of "ONEXIM GROUP "</u>		
The company's news	77	
M.D.PROKHOROV. The pace of development has slackened.....	77	
<u>MMC "POLUS ZOLOTO"</u>		
The company's news	88	
<u>MMC "CRYSTAL"</u>		
The company's news	95	
INNOVATIONS		
<u>ACADEMY OF INNOVATIONS</u>		
O.A.MATVEEV. Innovative development of regions is the essential requirement for the country's competitiveness escalation	97	
The Doctoral candidate of Economics Institute of the Russian Academy of Sciences considers terms and peculiarities of realization of innovative development strategy in Russia as well as their regional specifics — first of all, in the Northern regions.		
MARKET		
<u>THE CHRONICLE</u>		
Russian jewelry network informs	109	
Current events of the Russian market of precious metals and stones in June, 2008 are presented by the Russia jewelry network, the leading informative and analytical agency of the Russian diamond and gold and platinum branch (http://www.jewellernet.ru).		
CRIME		
Campaign "Nugget" has yielded over 20 kilos of gold	114	
www.rdmk.ru	10	dragmet@rdmk.ru

[ДМ/ДК]	№ 6(174) 2008 г.	[РМ/РС]
EQUIVALENT		
<u>MAGAZINE INSIDE THE MAGAZINE</u>		
Hydrogen Energy and Platinum group Metals	118	
"Equivalent" is a journal in journal which highlights on the DM/DK's pages the issues related to the development and implementation of high technologies on the platinum group metals market in connection with the development of hydrogen energy. It is edited by the Vice President of the Council of Experts for High Technologies, Doctor of Chemical Sciences, Professor A. A. EVDOKIMOV.		
VEBRO-2008		
Hydrogen energetics of the future: regions and industries	119	
The conference is timed to St. Petersburg International Economic Forum. Its participants offer their recommendations for the first long-term project of hydrogen energy development in Russia which is now at the discussion stage.		
A.S.SIGOV, A.A.YEVDOKIMOV, V.V.SHINKARENKO. Project of the National scientific and innovation program "Hydrogen energy" until the year 2050: discussion and revision.....	122	
Russian scientists and pedagogues from MIREA (Moscow State Institute of Radio Engineering, Electronics and Automation) are analyzing the ways of discussion and further work at the project from the standpoint of development of energy ecological education and general hydrogen education.		
Recommendations for the program project	150	
The Hydrogen Club of MIREA has opened, within VEBRO-2008 site, a monitoring of the project discussion until the year 2050 and is presenting initial recommendations which it recommends to include as a follow-up.		
L.V.YASHINA, Yu.A.DOBROVOLSKY, Yu.D.TRETYAKOV, S.M.ALDOSHIN. Nanostructured catalysts for hydrogen-air low-temperature fuel cells: results and future perspectives.....	152	
The research currently undertaken at M.V. Lomonosov Moscow State University and Institute of Problems of Chemical Physics RAS in the area of new materials synthesis is aimed at development of new nanostructured materials based on the clusterized Pt deposited onto different supports.		
A.G. ZABRODSKII, S.A.GUREVICH (St. Petersburg). Hily efficient laser electrodispersion technique catalyst on Pt and Pd nanoparticles.....	155	
The main aim of the report of scientists of the Physical-Technical Institute of Russian Academy of Sciences is the technology development for a fabrication of highly efficient nanostructured catalysts made of Pt-like metals. The original laser electrodispersion technique is described which is used for producing of the coverings consisting of Pt and Pd nanoparticles.		
V.M.CHERTOV. Russia needs its own hydrogen motor vehicle.....	161	
— that is the opinion of a "DM/DK" expert: the vice-president of two non-commercial organizations, namely Assistance Center for Precious Metals Manufacturers and Consumers International Cooperation Development (Moscow, Russia) and Informational and Engineering Association of Noble and Rare Metals (Donetsk, Ukraine).		
V.V.VASEKIN, S.L.PERELMAN, V.V.ULYBYSHEV. Slot-type and orifice bushing for production of basalt fibers.....	167	
Scientists and specialists of FSUE SIC "Supermetal": We suppose that design of the forming unit that we have developed can be universal for the technological processes of basalt fiber production, using slot-type bushings.		
FROM VEBRO-2008 PORTFOLIO		
Hydrogen energy is the most promising ideology	171	
Starting 1970s, hydrogen energy as a global idea has been working for the convergence of capitalism and socialism by uniting the business, scientific and public groups of over 60 countries.		
www.rdmk.ru	11	dragmet@rdmk.ru