

[ ДМ/ДК ]	№ 12 (168) 2007 г.	[ РМ/РС ]
 <p style="text-align: center;"><b>INTERNATIONAL INFORMATIZATION ACADEMY — ASSOCIATED MEMBER OF THE UN</b></p>		
<b>«PRECIOUS METALS. PRECIOUS STONES»</b>		[ РМ/РС ]
<b>№ 12 (168) 2007 г.</b>		
<b>CONTENTS</b>		
<b>MARKET</b>		
<u>HOT NEWS</u>		
<b>Prokhorov and Potanin have exchanged proposals</b>	.....	14
<b>It is promised to remove the contrary to law next year</b>	.....	21
<b>EXCLUSIVE</b>		
<u>"PLATINUM GLOBAL"</u>		
<b>The first Moscow International Summit "Platinum Global"</b>	.....	36
<b>The press release of first Moscow International Summit "Platinum Global"</b>	.....	41
<b>KHARITON A.G. For the good of mankind</b>	.....	42
<p>The President of International Informatization Academy, an official representative of the Academy in the UNO, believes that the Foundation of Professor Rytvin will be supported not only in Russia, Germany and China, but also in many other countries, where cooperation is the ideal of peaceful and creative labour for the good of the mankind.</p>		
<b>SHINKARENKO V.V. Our word should contribute to the business</b>	.....	44
<p>Co-chairman of RDMK-2007 reveals the role of Professor Rytvin E.I. in the involvement of the business community of the branch in the development of the Russian market of precious metals.</p>		
<b>Declaration of Founders of International Non-profit Organization "Foundation of Professor Rytvin"</b>	.....	49
<p>"Foundation of Professor Rytvin" is a legal entity that does not have any members and is established on the basis of optional capital contributions with its headquarters in Berlin and branches in Moscow and Beijing.</p>		
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<p><b>"XI'AN — PM'2008". Platinum Metals in Modern Industry, Hydrogen Energy and the Spheres of Life Maintenance in the Future.</b> <i>The 3rd International Conference</i> .....52</p> <p>The main task of Conference is to define the strategic directions of scientific research and practical development which should provide the solution of the following vital issues: 1) ecologically safe extraction of platinum metals from all kinds of initial and secondary raw material; 2) minimization of specific consumption of platinum metals in all areas of application; 3) optimization of economy of production of platinum metals, and manufacture and application of platinum metal products.</p> <p><b>Chinese scientist is awarded the Russian Order</b> .....59</p> <p>The awarding ceremony of the Chinese scientist, Ma Fukang, with the Russian Order of Friendship took place in the Embassy of the Russian Federation in China on November 20, 2007.</p>		
<b>MARKET</b>		
<u>REVIEW AND FORECAST</u>		
<b>"PLATINUM-2007": Preliminary results</b>	.....	68
<p>On November 13, 2007 the Moscow representative office of "Johnson Matti" Company held the presentation of "Platinum 2007 — Preliminary results" review in Marriott Royal Aurora Hotel, Moscow. It is the latest published by the Company review of supply and demand in the market of platinum metals. The review is recognized all over the world as a principal free source of information on platinum metals.</p>		
<u>ANALYSIS</u>		
<b>Jewellery has passed into the class of ordinary consumer goods</b>	.....	76
<p>The change in the consumer attitude towards jewellery requires the making of changes in the strategy of development from the producers and sellers of jewellery.</p>		
<b>Trends of the jewellery industry</b>	.....	77
<p>Information Analysis Agency "Rough&amp;Polished" presents a review of the main trends in the world jewellery market: disturbing and reassuring statistics.</p>		
<b>Research of the Russian jewellery market</b>	.....	81
<p>Information Analysis Agency "Russian Jewellery Network" performed the examination of the jewellery market of Russia. Full version of the examination comprises over 120 pages, contains about 50 graphs, tables and diagrams.</p>		
<u>THE PERSONNEL</u>		
<b>D.S.DRONOV (Saint Petersburg). Historical analysis of art education for jewellers</b>	.....	85
<p>Senior professor of "Jewelry Arts" department in the Higher School of Folk Arts established three years ago in Saint Petersburg takes up national traditions in jewelry arts appropriate to this school.</p>		
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**MARKET LEADERS****MMC "NORILSK NICKEL"****News of the company**.....91**Preliminary results of an extraordinary stockholders meeting** .....91**ALROSA CO. LTD.****News of the company**.....92**SHTYROV V.A.** "ALROSA" should pay more attention to promotion of its goods..... 95**POLYUS GOLD OJSC****News of the company**.....96**JSC "KRASTSVETMET"****TIKHOV I.V.** Springboards of "Krastsvetmet".....97

The main thing is to have entries to markets. If this condition is fulfilled, there is a possibility to control the effectiveness of one's own business, says the General Manager of JSC "Krastsvetmet".

**MARKET****THE CHRONICLE****Russian jewelry network informs**.....102

Current events of the Russian market of precious metals and stones in December, 2007 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>).

**BANKS****New gold and silver coins**..... 116

Only the Sberbank of Russia sold over 580 thousand coins of precious metals within 10 months of 2007.

**EQUIVALENT****MAGAZINE INSIDE THE MAGAZINE****Hydrogen Energy and Platinum group Metals**.....136

"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.

**YAKOVETS Y.V.** It is a challenge to the whole mankind ..... 137

A famous Russian scientist of worldwide reputation informs the symposium about the development of Global Energy-Environment Strategy of the UNO for the discussion at the Third Worldwide Summit of Sustainable Development in 2012 in Astana (Kazakhstan).

**SHKOLNIK V.S. (Kazakhstan).** Kazakhstan in the Global Energy-Environment Space of the 21<sup>st</sup> century.....140

"DM-DK" ("Precious Metals/Precious Stones") presents a report of the Deputy Head of the Kazakhstan President Administration at the interdisciplinary discussion "Russia and Kazakhstan in Energy-Environment Revolution of the 21<sup>st</sup> Century" made on November 15, 2007 at the Russian Academy of State Service of the President of the Russian Federation.

**SHELISHCH P.B., SHINKARENKO V.V.** A global threat requires adequate attitude.....151

The President of the National Association for Hydrogen Energy and Vice-President of International Informatization Academy believe that global eco-catastrophe countermeasures should be reflected in the course of further step-by-step improvement of the Russian Hydrogen Programme Project in the period till 2050.

**A.A. EVDOKIMOV, V.A. SARIN, M.H. RABADANOV, Ju.Zh. KALININ.** The crystal structure of titanium hydride TiH<sub>1,05</sub>.....169

MIREA, Moscow State Institute of Radioengineering, Electronics and Automation (Technical University), Dagestan State University, Mahachkala, INR RAS, Institute for Nuclear Researches of the Russian Academy of Science, Troits.

In this investigation it was established, that on diffraction spectrum from titanium cathode film of vacuum pump the only  $\delta$ -phase of titanium hydride of structure TiH<sub>1,05</sub> was found. The formation of strong nonstoichiometric fluorite type structure of  $\delta$ -phase was explained by the features of phase diagram for Ti - H at low pressure.