



# 26<sup>th</sup> World Gas Conference

1 – 5 June 2015, Paris, France



Cooperation of Gazprom and Gubkin Oil and Gas University

KHAN Sergey (Gazprom, Russia)

WOC2-SG2.3



# Magistracy year by year



Beginning	Number of Students	Foreign Students	Graduate
2007	9	2	2009
2008	2	-	2010
2009	5	1	2011
2010	7	-	2012
2011	5	2	2013
2013	6	1	2014
2015	7	1	2016
Total	41	7	

# Students and Professors



**Prof. Oleg Aksyutin**  
Member of the Management Committee, Head of the Gas Transportation, Underground Storage and Utilization Department



**Dr. Elena Kasyan**  
Head of the Personal Management Department



**Dr. S.A. Khan**  
Deputy Head of Gas Transportation, Underground Storage and Utilization Department,  
Head of UGS Direction

- **Foreign students:** Uzbekistan, Latvia, China
- **Basic education:** Gas fields development, Economics, Applied Maths departments of Russian Gubkin State University; Foreign Languages Moscow University; Oil and Gas Engineering Department of Sakhalin State University; Beijing Oil University
- **Scientific advisors:** professors of Gazprom VNIIGAZ UGS Center, Russian Gubkin State University; specialists of Gazprom, Gazprom UGS and Gazprom Geotechnologies



**Prof. V.G. Martinov**  
Rector of Gubkin oil and Gas University



**Prof. A.I. Ermolaev**  
Head of Gas department at Gubkin oil and Gas University

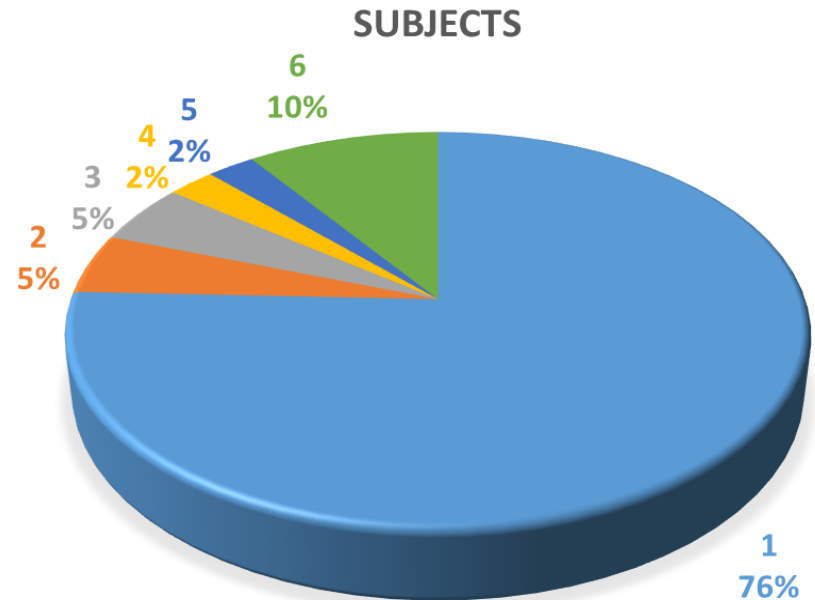


**A.E. Arutiunov**  
Adviser Director-General of Gazprom UGS Ltd.

# Subjects of Dissertations



1. Design and operation of UGS created in porous media
2. UGS in salt caverns
3. Ecology
4. Economics
5. Surface Facilities
6. Others



# The Best of the Best



**In 2012 the master's dissertation of Mr. I Bon Sik on the subject "Economic efficiency of concrete UGS" got the first place in the concourse of All Russian High School graduates works in Tomsk State University in the group of Works in the field of Geosciences.**



ВСЕРОССИЙСКИЙ КОНКУРС  
НАУЧНО-ИССЛЕДОВАТЕЛЬСКИХ РАБОТ  
СТУДЕНТОВ И АСПИРАНТОВ  
В ОБЛАСТИ НАУК О ЗЕМЛЕ

г. Томск, 28 мая – 31 июля 2012 г.

## ДИПЛОМ

НАГРАЖДАЕТСЯ

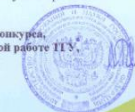
**И БОН СИК**

*(Российский государственный университет нефти и газа  
им. И.М. Губкина)*

**ЗА I МЕСТО**

во Всероссийском конкурсе научно-исследовательских работ студентов в области наук о Земле, проходившем с 28 мая по 31 июля 2012 г. в Национальном исследовательском Томском государственном университете.

Зам. председателя конкурса,  
проректор по учебной работе ИГУ,  
профессор



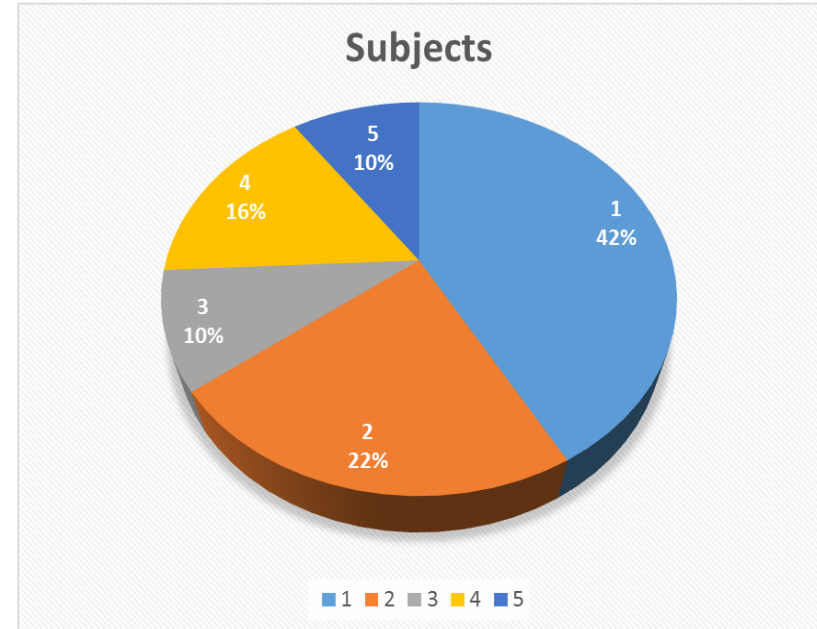
А.С. Резушкин



# Subjects of Dissertations



1. Wells: construction, design, tests, repairing
2. UGS design
3. Simulation
4. Analytical methods
5. others



# Masters are ready to develop scientific research



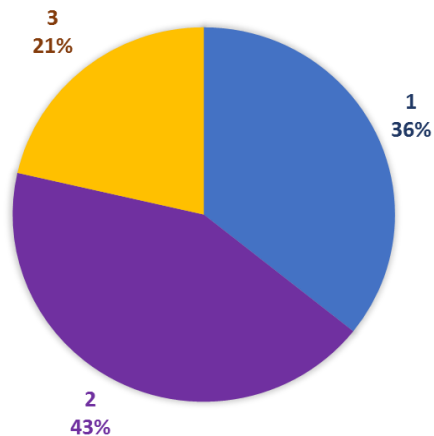
- Innovations

- UGS for Helium
- UGS for CO<sub>2</sub>
- UGS for associated petroleum gas
- Searching for non-hydrocarbon gases for cushion gas
- Some gas technologies for oil enhanced recovery

- PhD level

- There are 4 PhD
- There are 4 post graduate students
  - It's about 29% of Russian graduated Masters

PLACE OF EMPLOYMENT



1. Gazprom and its branches
2. Other Russian oil and gas companies
3. Foreign oil and gas companies

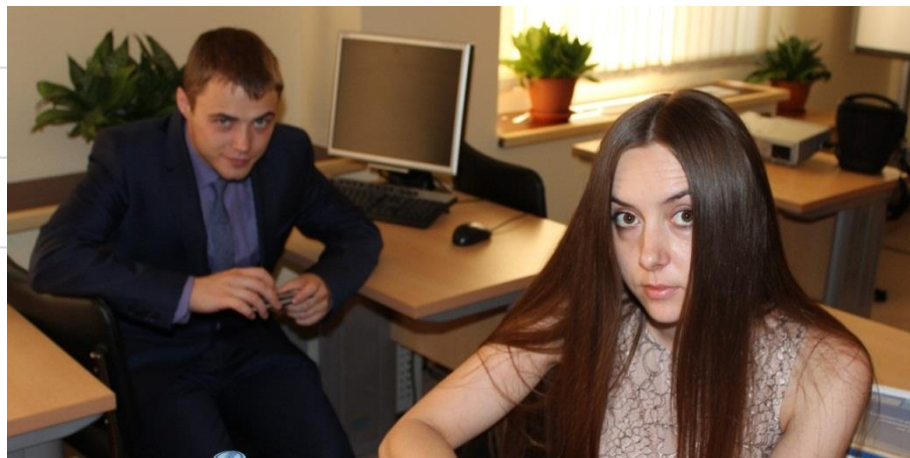
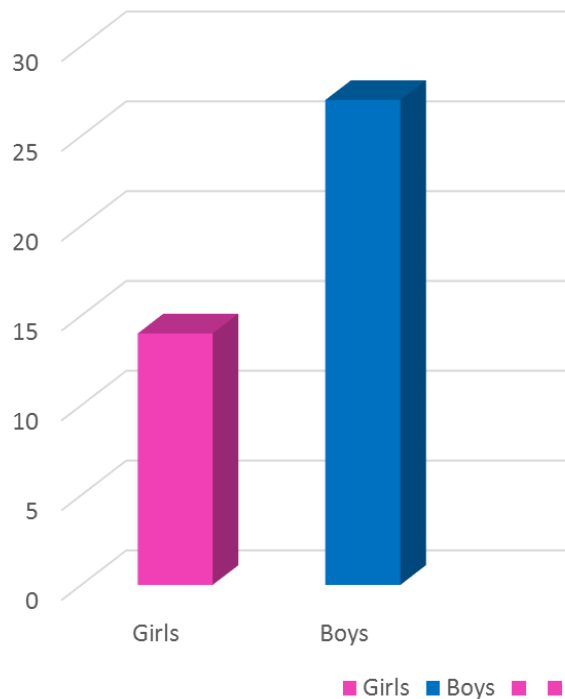




# Gender



Gender



- We do enjoy the results of the educational level
- The knowledge obtained can be actual in any branch of oil and gas industry
- Now the experience in organizing educational process let us look forward for international masters courses
- The possibility to work together with the best Russian specialists in the UGS field over the dissertation gives much practical experience needed so much for successful employment
- The cooperation of the University and the leading scientific gas industry center with the Gazprom support provides interesting projects developing engineering and scientific intellection