



RASA-America

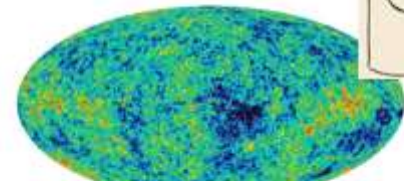
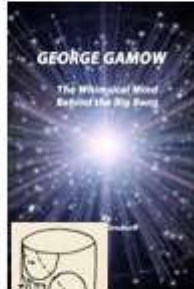
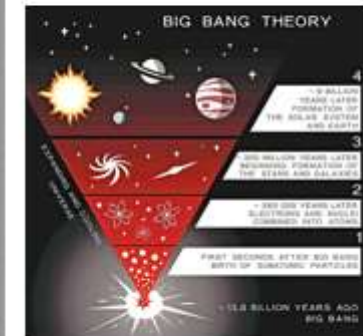
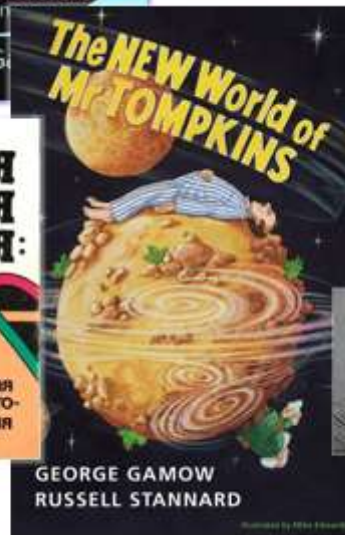
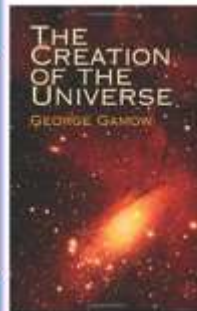


George Gamow Award

2018

RASA-USA George GAMOW Prize

Георгий Антонович ГАМОВ
(1904-1968)



COSMIC MICROWAVE BACKGROUND



Bragg Laboratory staff in 1931: W. H. Bragg (sitting, center); physicist A. Lebedev (leftmost); G. Gamow (rightmost)

RASA George Gamow Award

Established in 2015 by the Russian American Science Association to recognize outstanding scientific contributions of Russian-speaking diaspora and efforts to promote international recognition of Russian science and Russian heritage

RASA George Gamow Awards - 2015



Prof. Vladimir Zelman, USC

for his seminal contributions to neurology and neurological surgery and tireless efforts to promote best scientific practices in Russia



Prof. Igor Efimov GWU

for his contributions to the biophysics of heart, cardiovascular engineering and imaging and his role in establishment of RASA as Association's first President

RASA George Gamow Awards - 2016



Prof. Roald Sagdeev, UMD

for his seminal contributions to physics and space exploration and tireless efforts to promote best scientific practices in Russia



Dr. Vladimir SHILTSEV,
Fermilab

“for his seminal contribution to high-energy physics and accelerator technology and tireless efforts to promote best scientific practices in Russia

RASA George Gamow Awards - 2017



Prof. Alexander Kabanov,
UNC - Chapel Hill

за цикл работ, положивших начало использованию
полимерных наноматериалов для доставки лекарств
и нуклеиновых кислот в клетку



Prof. Artem Oganov,
SUNY/SkolTech

за вклад в создание методов теоретического дизайна новых
материалов и предсказания структуры и свойств вещества при
высоких давлениях, а также за активное участие в становлении
и развитии Ассоциации RASA

Gamow Award Committee - 2018



Вадим Гладышев (Chair)
Harvard Medical School



Наталья Берлова
Cambridge/Skoltech



Артем Оганов
Stony Brook/Skoltech



Александр Кабанов
UNC/Chapel Hill



Владимир Шильцев
Fermilab



2018
Gamow
Awards



RASA George Gamow Award - 2018

1. **Евгению Викторовичу Кунину**, руководителю группы эволюционной геномики Национальной Библиотеки Медицины Национальных Институтков Здоровья
«за фундаментальный вклад в развитие эволюционной биологии»
2. **Андрею Дмитриевичу Линде**, профессору физики Стэнфордского Университета
«за разработку инфляционной модели Вселенной»

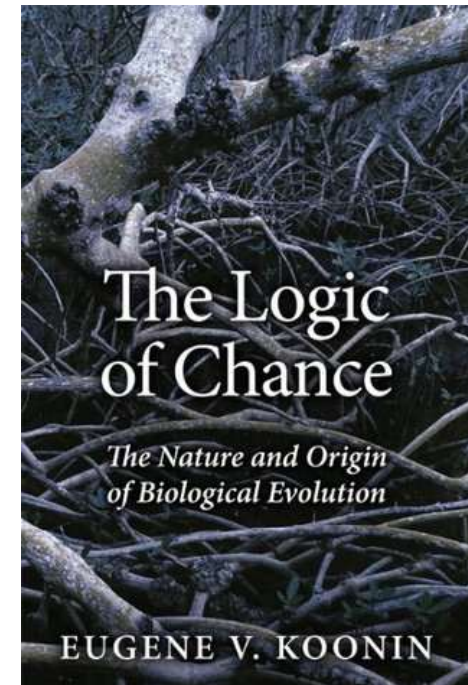
Eugene Viktorovich Koonin

Born on October 26, 1956. Obtained a Master of Science in 1978 and a PhD in 1983 in molecular biology ("*Multienzyme organization of encephalomyocarditis virus replication complexes*") supervised by Vadim I. Agol, Department of Biology, Moscow State University. From 1985-1991, Koonin worked in computational biology in the Institutes of Poliomyelitis and Microbiology at the USSR Academy of Medical Sciences, studying virus biochemistry and bacterial genetics. In 1991 he moved to NIH and became a leader of the Evolutionary Genomics Group at the National Center for Biotechnology Information (NCBI, NIH) where he became a Senior Investigator since 1996. Koonin's current research includes comparative analysis of genomes and automatic methods for genome-scale annotation of gene functions. He studies application of comparative genomics for phylogenetic analysis, reconstruction of ancestral life forms and building large-scale evolutionary scenarios, as well as mathematical modeling of genome evolution. Since 2014, he serves on the advisory editorial board of *Trends in Genetics*, co-Editor-in-Chief of an open access journal *Biology Direct* and on the advisory board in bioinformatics at *Faculty of 1000*. In 2016 Koonin was elected to the National Academy of Sciences. He is also a Fellow of the American Academy of Arts and Sciences, American Academy of Microbiology, a Foreign Associate of the European Molecular Biology Organization, and Doctor Honoris Causa of Universite Aix-Marseille (France).



Eugene Koonin

- Many diverse discoveries in evolutionary biology
- Top 10 most influential biomedical researcher (Semantic Scholar ranking) Oct 17, 2017 issue of *Science*
- 833 articles (PubMed), h-index = 195 (Google Scholar)
- Member of the National Academy of Sciences, USA
- Logic of Chance



Andrei Dmitrievich Linde

Born on March 2, 1948. He received Bachelor of Science degree from Moscow State University and a Ph.D. from the Lebedev Physical Institute in Moscow in 1975. He worked at CERN (European Organization for Nuclear Research) in 1989 and to the United States in 1990, where he became professor of physics at Stanford University (Harald Trap Friis Professor of Physics). Linde is one of the main authors of the inflationary universe theory, as well as the theory of eternal inflation and inflationary multiverse. Among the various awards he has received for his work, he received the Dirac Medal in 2002, shared with Alan Guth of MIT and Paul Steinhardt of Princeton University. In 2004 he shared with Alan Guth the Gruber Prize in Cosmology for the development of inflationary cosmology. In July of 2012, Linde was an inaugural awardee of the Fundamental Physics Prize, the creation of physicist and internet entrepreneur Yuri Milner. In 2014, he was also a co-recipient with Alan Guth and Alexei Starobinsky, of the Kavli Prize awarded by the Norwegian Academy of Science and Letters. Linde is a member of the National Academy of Sciences and of the American Academy of Arts and Sciences.





Congratulations !

Поздравляем !

