

VII Annual Conference RASA-USA

PROGRAM

Saturday, November 5, 2016

Carnesale Commons Palisades Room

251 Charles E. Young Drive West, Los Angeles, CA 90095

9:00 Opening of the First Day of the Conference

9:00 – 9:15 Opening remarks and review of RASA-USA activities – Nikolay Vasilyev, President of RASA-USA (Boston Children's Hospital, Harvard Medical School)

9:15 – 9:20 Welcoming remarks by Vyacheslav Turyshev, Department of Physics and Astronomy of UCLA, Jet Propulsion Laboratory

9:20 – 9:30 Welcoming address by the Consul General of the Russian Federation in San Francisco Sergey Petrov

9:30 – 10:45 Panel Discussion: Cooperation with Russian-Speaking Scientific Diaspora (Moderator – Igor Efimov, President of RASA International Coordinating Committee, George Washington University)

Alexander Kuleshov (Skolkovo Institute of Science and Technology)

Evgeny Kuznetsov (Russian Venture Company, National Technological Initiative)

Lev Zelenyi (Russian Academy of Sciences)

Oleg Zhiganov (Russian Cultural Centre in Washington D.C., Mission of Rossotrudnichestvo to the U.S.)

10:45 – 11:00 Coffee break

11:00 – 13:00 Scientific Session 1 (Moderator – Alexander Kabanov, University of North Carolina at Chapel Hill)

11:00 – 11:30 Mathematicians' Thoughts – Efim Zelmanov (University of California, San Diego)

11:30 – 12:00 TBD – Alexander Kuleshov (Skolkovo Institute of Science and Technology)

12:00 – 12:30 How to Build a World-Class Research Center in Russia in Just 12 Months – Pavel Pevzner (University of California, San Diego)

12:30 – 13:00 A Brief History of Time in Chemistry – Gregory Yablonsky (Saint Louis University)

13:00 – 14:00 Lunch break

14:00 – 16:00 Honoring Sergei Korolev Session (Moderator – Vyacheslav Turyshev, UCLA, Jet Propulsion Laboratory)

14:00 – 14:15 Remembering my Father – Video address by Natalia S. Koroleva,

Introduction by Vladimir Zelman (University of Southern California)

14:15 – 14:45 Russian Program of Space Exploration – Lev Zelenyi (Space Research Institute of the Russian Academy of Sciences)

14:45– 15:15 Life on the International Space Station – Alexander Misurkin (ROSCOSMOS)

15:15 – 15:45 Life after NASA – Garrett Reisman (SpaceX)

15:45 – 16:00 Q&A

16:00 – 16:15 Coffee break

16:15 – 18:15 Honoring Sergei Korolev Session - continued (Moderator – Lev Zelenyi, Space Research Institute of the Russian Academy of Sciences)

16:15 – 16:45 Trying to Go to Mars Together - Bmecte Ha Marc: Personal Adventures in Russian-American Space Science – Louis Friedman (Planetary Society)

16:45 – 17:15 Studying Life on an Extra-Solar System Planet 500-1000 Years before Traveling There – Vyacheslav Turyshev (UCLA, Jet Propulsion Laboratory)

17:15 – 17:45 The Cultural Spaces of the Soviet Cosmos – Alexei Kojevnikov (University of British Columbia)

17:45 – 18:15 History of US-Russian Cooperation and the International Space Station – David Rousso (Docking Port Productions)

18:15 Honoring Sergei Korolev Session closeout

18:20 Summary of the First Day of the Conference

18:30 – 22:00 Gala Reception

Luskin Conference Center, Centennial Terrace

425 Westwood Plaza, Los Angeles, CA 90095

Sunday, November 6, 2016

Carnesale Commons Palisades Room

251 Charles E. Young Drive West, Los Angeles, CA 90095

9:00 – 9:15 Opening of the Second Day of the Conference

2016 RASA-USA George Gamow Awards ceremony

**9:15 – 10:45 Panel Discussion: Science and Education in Russia – National or International
(Moderator – Artem Oganov, Skolkovo Institute of Science and Technology)**

Elena Atochina-Vasserman (University of Pennsylvania)

Alexander Kabanov (University of North Carolina at Chapel Hill)

Evgeny Kuznetsov (Russian Venture Company, National Technological Initiative)

Mikhail Myagkov (University of Oregon)

Vladimir Shiltsev (Fermi National Accelerator Laboratory)

Alexey Sitnikov (Skolkovo Institute of Science and Technology)

Nargis Valamat-Zade (*New Development Technologies*, the nonprofit organization)

10:45 – 11:00 Coffee break

11:00 – 13:00 – Scientific Session 3 (Moderator – Vladimir Zelman, University of Southern California)

11:00 – 11:30 Soft Robotics in Cardiovascular Interventions – Nikolay Vasilyev (Boston Children's Hospital, Harvard Medical School)

11:30 – 12:00 Between Bleeding and Thrombosis: The Eternal Dilemma of Blood Clotting – Rustem Litvinov (University of Pennsylvania)

12:00 – 12:30 Nano Clinic for Brain Tumors: Imaging and Treatment – Julia Ljubimova (Cedars-Sinai Medical Center)

12:30 – 13:00 TBD

13:00 – 14:00 Lunch break

14:00 – 16:00 Scientific Session 4 (Moderator – Vadim Gladyshev, Brigham and Women’s Hospital, Harvard Medical School)

14:00 – 14:30 Amphiphilic Copolymers Mediated Therapeutics in Cancer – Tatyana Bronich (University of Nebraska)

14:30 – 15:00 Russia Agricultural Science Heritage and Future – Sergey Nuzhdin (University of Southern California)

Best abstracts presentations:

15:00 – 15:15 Beyond Borders: Rochester Optics Meets Russian Optics – Svetlana Lukishova (University of Rochester)

15:15 – 15:30 American Students Travel to Russia for Project-Based Learning and Research – Oleg Pavlov (Worcester Polytechnic Institute)

15:30 – 15:45 Aerospace Russian: An Experiment in Teaching Content-Driven Introductory Language Course to Engineering Students at Cornell – Raissa Krivitsky (Cornell University)

15:45 – 16:00 Multilingualism and Education: Implementation of Advances in Humanities and Sciences into Educational Programs for Multilingual Speakers – Anna Kiryakova (Russian-American Community Center of Florida)

16:00 – 16:15 Coffee break

16:15 – 16:30 Presentation of the next President of RASA-USA, Passing of the Gavel ceremony

16:30 – 18:00 Open Panel Discussion: Development of RASA-USA and Future Projects of the Association (Moderator – Valery Fokin, University of Southern California)

RASA-USA Members, Partners and Guests

18:00 Summary of the Second Day of the Conference and Closing Ceremony