

Dr. Roman Gr. Maev short bio:



Dr. Roman Gr. Maev is the founding Director-General of The Institute for Diagnostic Imaging Research - a multi-disciplinary, collaborative research and innovation consortium established with the goal to create a leading S&T centre in imaging research in Southwest Ontario. The Institute was formed in 2008 by the Ministry of Research and Innovation which provided an initial research investment of \$5 million dollars and \$3 million dollars in 2010.

In 1995 Dr. Maev was appointed a Full Faculty Professor in the Department of Physics at the University of Windsor in Canada when he moved to Canada in the frame of the Intergovernmental Russian-Canadian Exchange Research Program. In 2002 Dr. Maev became the DaimlerChrysler/NSERC Industrial Research Chair, a title he still holds today. In 2007 was granted the title of University Distinguished Professor.

Dr. Roman Gr. Maev was born in Moscow, Russia. He received his Master of Science degree in Theoretical Nuclear Physics from the Moscow Physical Engineering Institute followed by a Ph.D. on the Theory of Semiconductors from the Physical P.N. Lebedev Institute of the USSR Academy of Sciences. In 1990 he received a Fellowship from Gore-Chernomirdin Program and as a result successfully defended a course project for the Scientific Business Management Fund for one semester of study at Harvard Business School (Boston, USA). In 2001 he received a D.Sc. Degree from the Russian Academy of Sciences, and in 2005 he received a Full Professor diploma in Physics from the Government of the Russian Federation.

In 1980, Dr. Maev began serving as the Acting Chair Holder of the Biomedical Physics Chair at the Moscow Physics Technical University and in 1987 established and became the founding Director of the Acoustic Microscopy Center at the Russian Academy of Sciences.

From 1990 until 1995 Dr. Maev, was deeply involved as one of the leaders in the Russian Governmental Program in Technology Transfer. During that period he and his team of experts successfully transferred a dozen high-tech technologies to market with an average value of \$20-25 million dollars primarily in Europe.

In 2004, based on an initiative by Chrysler, a new Canadian start-up high-tech company "Tessonics Corporation" was created. Its main mission is the commercialization of research products developed by Dr. Maev's R&D team at the University of Windsor. Dr. Maev is providing a leading technical role in this new high-tech enterprise. Today this company is well recognized in the US, Latin and Central America, Japan, UK, Germany, China, South Africa, etc. and is a registered supplier for Chrysler, Ford, BMW, Porsche, FIAT, Toyota, Magna, etc.

Dr. Maev's research interests include theoretical fundamentals of physical acoustics, ultrasonic and nonlinear acoustical imaging, nanostructural properties of advanced materials and biomaterials and their analysis, as well as art analysis. He is the author of 5 monographs, editor of 7 books, has published over 440 peer-reviewed items, and holds 29 international patents.

Dr. Maev has also won many national and international awards for his innovations, research discoveries and inventions. He is a Fellow of IEEE, the Canadian Association of Physicists, the American Society for Nondestructive Testing, as well as the British Institute of NDT.

Since 2001 he has been a member of the Canada-Russia Intergovernmental Economical Commission and both UK-Russia and Canada-Russia Business Councils. In 2008 Dr. Maev was appointed Honorary Consul of the Russian Federation in Canada (Windsor, Ontario).

Dr. Roman Maev has been a member of the Rotary Club of Windsor (1918) since 1997. Since 2011 he is a recipient of Paul Harris Fellow.