

# Outstanding Contributions Over the Last 50 Years

50 Years  
of IOMP



1963-2013

## Valeriy Kostylev

Valeriy Kostylev graduated from the faculty of experimental and theoretical physics of the Moscow Engineering Physics Institute (MEPhI) in 1968. Since then he has been working for more than 40 years in the N.N.Blokhin Russian Cancer Research Center (N.N.Blokhin RCRC) and in 1972 received his PhD and in 1985 he earned the Doctoral degree in physics and mathematics. The theses were devoted to the scintigraphic images measurement and processing optimization. The last 12 years he was the head of medical physics department.

In 1993 Valeriy Kostylev organized the Association of Medical Physicists in Russia (AMPR) and became its president. Now AMPR represents about 400 professionals working in the field of fundamental and applied medical physics, engineering, high medical radiation technologies, education and publishing. In 1995 he was the founder and Editor-in-chief of the Journal "Meditsinskaya Fizika" which is an official journal of the Association of Medical Physicists in Russia (AMPR).

In 2004 he organized the Institute of Medical Physics and Engineering for efficient scientific and educational activities in the field of research and education projects and became its director.

Valeriy Kostylev was the founder (2011) and co-chair of the Radiation Oncology Society which counts 868 individual members from Russia and other CIS countries today. The same year he founded and served as Co-chair of the Editorial Board of the Journal "Radiation Oncology and Nuclear Medicine". A year later he was the founding rector of the International Educational Center on medical physics, radiation oncology and nuclear medicine which provides postgraduate education in medical physics for the Russian speaking specialists in the CIS region.

Professor Kostylev is a leading specialist in the medical radiation physics, radiation therapy and nuclear medicine. He's the author of 250 scientific publications in this field. He has acted as scientific advisor and consultant for 60 projects on the development and implementation of domestic medical radiation devices and technologies for radiation therapy and nuclear medicine in clinical practice, including clinical dosimeter with diamond detector, 3D treatment planning system "Amphora" for external beam radiation therapy and treatment planning system "Contact" for intracavitary and interstitial brachytherapy. He is one of the founders of the Russian radiation medical physics school and mentor and guide of several generations of qualified medical physicists in the N.N.Blokhin RCRC, MEPhI. He has also organized many Eurasian and National congresses, conferences, symposia and schools on medical physics and radiation oncology.

Valeriy Kostylev is a member of Expert Councils under the Ministry of Industry and Trade, the State Atomic Energy Corporation ROSATOM, the Federal Antimonopoly Service of Russian Federation. He is chair of the International working group "Modernization and Development of Radiation Therapy and Nuclear Medicine" of the CIS Commission on the use of atomic energy for peaceful purposes. He is an IAEA expert assisting Member States in the upgrading of radiation oncology facilities.

Professor Kostylev has received international recognition for promoting medical physics in Russia and the CIS region.