



## BIOGRAPHY

### **Michael Levin, P.Eng, M.Sc.**

Michael Levin received his engineering degree at the Kiev Polytechnic University in Ukraine and was Chief Electrical Specialist for 12 years at the Heavy Industry Electrification Institute. He then moved to Israel where he was head of the High Voltage section of the R&D Lab of the Israel Electric Corporation. In the 1980's, after settling in Canada, he pioneered the application of partial discharge analysis systems for large hydro electric generators throughout the world.

Mr. Levin is Past President and Chief Electrical Engineer at MIRUS International Inc. which he founded in 1991. He has received several patents for his inventions, many of which have been incorporated into MIRUS' unique line of harmonic mitigating products. With over 40 years of expertise in the field of electrical power and power quality, Michael has built an admirable reputation for being able to consistently resolve even the most stubborn of electrical problems. He has authored numerous technical publications in the area of harmonic mitigation and many of his patents are also related to this field. His patents include:

1. A Method of Voltage Regulation in Power Systems with Unbalanced Loads, 1973 (USSR)
2. Combined Phase-Shifting Directional Zero Phase Sequence Current Filter and Method for Using Thereof, 1995 (USA and Canada)
3. Zero Phase Sequence Current Filter with Adjustable Impedance, 1995 (USA and Canada)
4. Phase-Shifting Transformer or Autotransformer, 1996 (USA and Canada)
5. Phase-Shifting Transformer or Autotransformer with Low Zero Phase Sequence Impedance (USA and Canada)