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**INTERNATIONAL THERMOELECTRIC  
ACADEMY**

**RICHARD BUIST**

**(Dedicated to 75-th birthday)**



On October 14, 2012 Richard Buist, academician of the International Thermoelectric Academy, member of the International Academy of Refrigeration, outstanding scientist in thermoelectricity and founder of the worldwide known TE Technology company celebrated his 75-th birthday.

His activity is related to development of theoretical foundations of thermoelectricity and their practical implementation on the level of up-to-date technologies. The research interests of R. Buist lie in the field of development of efficient thermoelectric cooling and generation devices. Dr. Buist gives special priority to thermoelectric cooling and heating technology, temperature control and thermoelectric air conditioning.

TE Technology company are engaged in selling 7 kinds of thermoelectric air coolers, 10 kinds of plate thermoelectric coolers, 4 kinds of liquid coolers, 146 kinds of thermoelectric modules, 8 kinds of temperature controllers.

The main lines of research and developments pursued by Richard Buist are:

- Theory development.
- Design and engineering.
- Methods of testing thermoelectric materials and devices.
- Temperature control, thermoelectric coolers and heat pumps, application of thermoelectric heat pumps.
- Power generation.

Richard Buist is the author and coauthor of the books:

1. R.J. Buist, Thermoelectric Cooling Technologies, University of Texas at Arlington, 1973, 90 p.
2. E.H. Lougher, E.P. Stambaugh, R. Simon, W.D. Lemke, R.J. Buist, Development of Improved Thermoelectric Cooling Materials for Ground Air Conditioners, 46 p.

International Thermoelectric Academy, Institute of Thermoelectricity of the National Academy of Sciences and Ministry of Education and Science, Youth and Sports of Ukraine, “Journal of Thermoelectricity” Editorial Board congratulate the respectable Richard Buist on his 75-jubilee and wish him good health, happiness and long years of creative work.