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## TITO HUBER

(Dedicated to the 65-th anniversary)



2013 is a jubilee year for a well-known physical scientist, corresponding member of International Thermoelectric Academy, Doctor of Science, Professor of Howard University Tito Huber.

The scientific and pedagogical activity of Tito Huber is related to many educational and research institutions where he occupied different positions: Instructor, the National University of Comahue, Argentine (1973-1976), Research Assistant, Brown University (1976-1983), Assistant Professor of Physics, University of Puerto-Rico (1983-1991), Associate Professor of Physics, Polytechnic University, Brooklyn, New-York (1991-1998), Professor of Howard University (2000).

The main lines of research and developments of Prof. Tito Huber:

- thermoelectric microgenerators and microthermocouples;
- materials based on bismuth nanowires;
- nanocomposite synthesis;
- thermal resistance across interfaces;
- optical nanocomposites; experimental study of the optical properties of metal and semiconductor nanocomposites;
- nanocomposites synthesized by high pressure injection of porous dielectrics as optical materials;
- optical properties of scattered hydrogen: porous materials and inclusions;
- semiconductor nanowire composites for thermoelectricity;
- scanning force microscopy on the nanostructured conducting composites and polymer materials;
- synthesis, processing and characteristics of bismuth based wires;
- compact thermomagnetic cryocooler based on nanocomposites;
- nanotubes based on *GaN*: manufacture, characteristic and application.

For his successful work Professor Tito Huber was awarded a fellowship of the National Atomic Energy Commission (Argentine) and a NATO fellowship (1981).

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” Publishers congratulate the esteemed Tito Huber on his jubilee, wishing him sound health and creative success in his work.