

International Exhibition of Inventions of Geneva 2016 Gold Medal and “Best Invention Award” Special Prize Corneliu BIRTOK-BĂNEASĂ, PhD Student

The International Exhibition of Inventions of Geneva 13-17 April 2016 played host to over 1,000 inventions from 40 countries were presented to more than 70,000 visitors.

I presented at last year's Salon a device called 'Integrated heat deflector' used on vehicles during summer to combat the engine's power loss due to high external temperatures. The integrated heat deflector addresses this technical problem by protecting the intake manifold and air filter from the thermal radiations generated by the cooling radiator of internal combustion engines, which optimizes its operation during very hot days; it decreases the fuel consumption by up to seven percent.

The jury acknowledged that by implementing this invention the fuel consumption goes down, and the device contributes to a diminishing of the pollutants emitted into the atmosphere by the vehicles where it might be used; that it is a patented innovation; and not least that it is part of a UPT doctoral study.

The international jury rewarded the invention with a gold medal and a “Best Invention Award” special prize on behalf of Science & Technology Parks Corporation from Hong Kong.

Results / portfolio

33 Gold Medals: INVENTIKA 2008; BRUSSELS 2008, INVENTIKA 2009; GENEVA 2010; INVENTICA 2010; MOSCOW 2010; ZAGREB 2010; KUWAIT 2010; INVENTICA 2011; PROINVENT 2012; GENEVA 2012; BRUSSELS 2012; GENEVA 2013; BRUSSELS 2013; GENEVA 2014; PROINVENT 2015; GENEVA 2015; TRAIAN VUIA 2015; INVENT INVEST IASI 2015; BRUSSELS 2015; PROINVENT 2016; GENEVA 2016; EUROINVENT 2016; TRAIAN VUIA 2016.

6 Silver Medals: GENEVA 2009; MOSCOW 2009; BRUSSELS 2009; TRAIAN VUIA 2015; ARCA 2015; INVENT INVEST IASI 2015.

2 Bronze Medals: ZAGREB 2009; GENEVA 2011.

