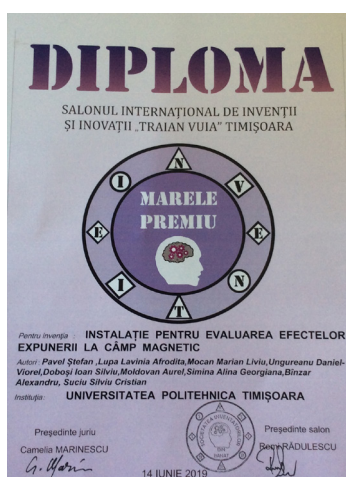


## International Exhibition of Inventions and Innovations “Traian Vuia” Timișoara, 5<sup>th</sup> edition, June 12-14, 2019, Timișoara Multiple medals for Politehnica University Timisoara

Politehnica University Timisoara has once again confirmed its potential for innovation. At the 5<sup>th</sup> edition of the “Traian Vuia” International Salon for Inventions and Innovations Timișoara, which took place for three days between June 12 and 14, 2019 at the Youth House, UPT had a remarkable presence, exposing 21 inventions.

The Grand Prize of the International Traian Vuia Salon was awarded to Politehnica University Timisoara. The report of the UPT delegation also includes 14 gold medals, 4 silver medals, 3 bronze medals, 10 special prizes and 6 diplomas of excellence.



The stand of Politehnica University Timișoara, one of the most important in the Salon, was rewarded with the following awards:

1. Installation for evaluating the effects of exposure to magnetic field
  - Inventors: Ștefan PAVEL, Lavinia Afrodita LUPA, Marian Liviu MOCAN, Daniel-Viorel UNGUREANU, Ioan Silviu DOBOȘI, Aurel MOLDOVAN, Alina Georgiana SIMINA, Alexandru BÎNZAR, Silviu Cristian SUCIU
  - Gold Medal, IDEA Special Award, Special Award University of Medicine and Pharmacy “Victor Babeș” Timișoara and Grand Prize of the International Salon of Inventions “Traian Vuia” 2019
2. Construction ground electrode with corrosion-resistant connections
  - Inventors: Ștefan PAVEL, Daniel-Viorel UNGUREANU, Marian Liviu MOCAN, Ioan Silviu DOBOȘI, Florin-Ionel TOPALĂ
  - Gold Medal and Special Prize of the Polytechnic University of Bucharest
3. Integrated thermal deflector
  - Inventor: Corneliu BIRTOK BĂNEASĂ
  - Gold Medal and Special Award NATIONAL RESEARCH AND DEVELOPMENT INSTITUTE FOR MECHATRONICS AND MEASUREMENT TECHNIQUE INCDMTM BUCHAREST
4. Process for treating residues from the incineration of households waste by solidification-stabilization in ash rock
  - Inventors: Mihail Reinhold WÄCHTER, Ioana IONEL, Adina NEGREA
  - Gold Medal and IDEA Special Award - Diploma awarded by Ötlet Club 13 Egyesület
5. Tubular lighter from powdery ferrous waste
  - Inventors: Teodor HEPUȚ, Ana SOCALICI, Erika ARDELEAN, Marius ARDELEAN, Nicolae CONSTANTIN, Miron BUZDUGA, Radu BUZDUGA
  - Gold Medal
6. R.I.M.S. AIR by CORNELIU
  - Inventor: Corneliu BIRTOK BĂNEASĂ
  - Gold Medal, ISIM Special Award and Diploma of Excellence Petroșani University
7. Installation for determining the resistance to thermal fatigue
  - Inventor: Camelia PINCA- BRETOTEAN
  - Gold Medal

8. Process for the synthesis of silver nanowires coated with low melting point metal nanoparticles

- Inventors: Radu Nicolae BĂNICĂ, Andrea Rozalia KELLENBERGER, Daniel Horațiu URSU, Liliana CSEH, Petrică Andrei LINUL, Nicolae VASZILCSIN
- Gold Medal and OSIM Special Award

9. FSU Suction air filter

- Inventor: Corneliu BIRTOK BĂNEASĂ
- Gold Medal

10. Inverted suction filter

- Inventor: Corneliu BIRTOK BĂNEASĂ
- Gold Medal

11. W Suction air filter

- Inventor: Corneliu BIRTOK BĂNEASĂ
- Gold Medal

12. Dynamic air transfer system

- Inventor: Corneliu BIRTOK BĂNEASĂ
- Gold Medal and ARTN Special Award

13. Novel modular stack design for high Pressure PEM water electrolyzer technology with wide operation range and reduced cost (PRETZEL)

- Project team coordinated by Andrea KELLENBERGER
- Gold Medal

14. Portable flash memory, "stick" type, on Ethernet interface

- Inventors: Roland SZABO, Aurel GONTEAN
- Gold Medal and Special Award National Research and Development Institute for Mechatronics and Measurement Technique INCDMTM Bucharest

15. "DEXTER"'s Laboratory

- Inventors: Corneliu BIRTOK BĂNEASĂ, Adina BUDIUL BERGHIAN
- Silver Medal and Diploma of Excellence University of Agricultural Sciences and Veterinary Medicine of Banat "King Mihai I of Romania" in Timisoara – USAMVB / Justin Capra

16. Bircor

- Inventor: Corneliu BIRTOK BĂNEASĂ
- Silver Medal

17. RoboFIH Team

- Inventor: Ovidiu TIRIAN
- Silver Medal

18. Power steering- "DEXTER"'s Laboratory

- Inventors: Amalia DASCĂL, Corneliu BIRTOK BĂNEASĂ
- Silver Medal

19. MicroU

- Inventor: Corneliu BIRTOK BĂNEASĂ
- Bronze Medal

20. AC Installation—experimental stand

- Inventor: Vasile ALEXA
- Bronze Medal

21. GPL supply plant – "DEXTER"'s Laboratory

- Inventors: Sorin RAȚIU, Corneliu BIRTOK BĂNEASĂ
- Bronze Medal

