

MINISTRY OF EDUCATION AND RESEARCH  
„CONSTANTIN BRÂNCUȘI” UNIVERSITY OF TÂRGU JIU  
TECHNOLOGICAL FORUM OLTEANIA TECHFEST



# DIPLOMA OF EXCELLENCE



AWARDED TO  
NATIONAL INSTITUTE FOR RESEARCH, DEVELOPMENT AND  
TESTING IN ELECTROTECHNICS – ICMET CRAIOVA

FOR ACTIVE PARTICIPATION AND OUTSTANDING CONTRIBUTION TO THE DEVELOPMENT OF RESEARCH,  
INNOVATION AND TECHNOLOGY TRANSFER WITHIN THE "OLTEANIA TECHFEST" TECHNOLOGY FORUM,  
ORGANIZED BY THE "CONSTANTIN BRÂNCUȘI" UNIVERSITY OF TÂRGU JIU.

IN APPRECIATION FOR THE INVOLVEMENT IN PROMOTING COLLABORATION BETWEEN ACADEMIA,  
RESEARCH AND INDUSTRY, CONTRIBUTING TO THE CONSOLIDATION OF THE TECHNOLOGICAL  
ECOSYSTEM OF THE OLTEANIA REGION.

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PROFESSOR, PHD, ENGINEER  
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# DIPLOMA



IS AWARDED GOLD MEDAL

*For the invention*

HIGH FREQUENCY ROTARY TRANSFORMER

*Authors*

**Adrian Vintilă; Andrei Marinescu; Petre Pistol; Marcel Nicola; Claudiu Nicola**

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*For the invention*

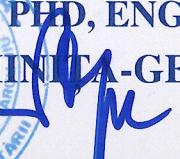
MONITORING METHOD AND SYSTEM FOR THE SAG OF OVERHEAD  
POWER TRANSMISSION LINES CONDUCTORS

*Authors*

Sacerdoreanu Dumitru, Nicola Marcel, Vintila Adrian, Nicola Claudiu, Hurezeanu Iulian,  
Lazarescu Florica - ICMET Craiova; Popescu Paul - University of Craiova - Faculty of  
Mathematics; Purcaru Ion, Albița Anca - S.C. VIG S.A. Craiova

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*For the invention*

ADAPTIVE SYSTEM DESIGNED TO ENSURE ELECTRIC POWER QUALITY IN LOW VOLTAGE  
NETWORKS

*Authors*

Sacerdoțianu Dumitru, Nicola Marcel - ICMET Craiova; Ivanov Sergiu, Ciontu Marian -  
University of Craiova; Chindriș Mircea Dorin, Cziker Andrei Cristinel - Technical University of  
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*For the invention*

INTEGRATED SYSTEM FOR MONITORING, ANALYZING, AND DIAGNOSING OVERHEAD POWER LINES (OPL)  
WITH A VIEW TO INCREASING ENERGY EFFICIENCY IN ELECTRICITY TRANSMISSION AND DISTRIBUTION

*Authors*

**SC SIMTECH INTERNATIONAL SRL - Project Leader**  
**ICMET CRAIOVA – Partner Project**

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*For the invention*

COMPRESSED AIR COOLING DEVICE

*Authors*

**Teișanu Florin, Chelan Constantin, Duță Marian, Pătru Ion**

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*For the invention*

PREDICTIVE METHOD AND SYSTEM FOR DETERMINING THE OPERATING CONDITION IN  
BIG-BLASTER AIR CANNONS AND MICRO-CANNONS

*Authors*

**Teisanu Florin, Chelan Constantin, Butoi Marinela, Patru Ion, Iordache Ioan,  
Nicola Claudiu, Nicola Marcel**

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