



**Association for Promoting Electric Vehicles in Romania**

Presents this

## **CERTIFICATE OF PARTICIPATION**

**Marcel NICOLA**  
**Claudiu-Ionel NICOLA**  
**Marian DUȚĂ**

For their active and invaluable participation at the  
*Electric Vehicles International Conference and Show*  
held on 3-4 October 2019 at Icpe Solar Park, Bucharest, Romania,  
with the scientific paper entitled  
**"Adaptive Sensorless Control of PMSM using Back-EMF Sliding Mode Observer  
and Fuzzy Logic"**.

SCIENTIFIC COORDINATOR: *Mihăiță NEACȘU*



ON THIS DAY: *October 4, 2019*