



# TECHNICAL UNIVERSITY-SOFIA

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## PLOVDIV BRANCH

18 May 2017

### CERTIFICATE of ATTENDANCE

I hereby confirm that Dr. Ahmed Hafaifa has been registered for the Sixth International Conference on Engineering, Technology and Systems – TechSys 2017 which was held between 18 and 20 May 2017 May and presented the paper entitled:

- FUZZY MODELING AND SIMULATION OF GAS TURBINE USING FUZZY CLUSTERING ALGORITHM

authors: ABDELHAFID BENYOUNES, AHMED HAFIFA,  
ABDELLAH KOUZOU, MOULOUD GUEMANA

in section 1: Automation and Control Systems

Yours sincerely,



Prof. Valyo Nikolov, PhD  
Chairman of the Organizing Committee