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Autore	Németh Bálint
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Nota di contenuto	Influence of Electrode System Geometry on the Efficiency of Particle Collection of a Compact Electrostatic Precipitator for Small Scale Biomass Combustion Novel Compact Electrostatic Precipitators for Small Scale Biomass Combustion Facilities Collection of Carbon Particles in Diesel Exhaust Gas Using Intermittent Dielectric Barrier Discharge Combustion of Carbon Black Collected on an ESP by Microwaves Irradiation using Slit Plate Study of Effective Particle Charging Regions in a Corona Discharge in an Electrostatic Precipitator Different Types of High Dust Resistivity Effect of Electrostatic Precipitation and Agglomeration of Particles on Bag Filter Regeneration The effect of Micro-Pulse Technologies power Supply on Electrostatic Precipitator performance Numerical Study on W-Type Collecting Plates with Multiple Corona Electrodes of Electrostatic Precipitators Deepening of the Study of Corona Discharges by Recent Advances of Electrical and Optical Measurement Techniques Consideration of Frequent Low Loads Operation for Electrostatic Precipitator Installation Performance Effect of Electrode Length and Gas Velocity on the Collection of Diesel Exhaust Particle in an Electrostatic Precipitator with a High Electric Field Performance

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	Comparison of 1-Phase and 3-Phase HV Linear Power supplies for ESP in Recovery Boiler Applications Technical Analysis and Extended Application of Variable Frequency Power Supply Achieving Equal Flow Distribution with Flow Control Devices at outlet of Electrostatic Precipitator Using Control Dampers Development of the Intelligent Flue Gas Conditioning Injection Control Development of the Multi Stage Hybrid Air Purifier Investigating the Reliability of Needle-Plane Experiments with Dust Layer.
Sommario/riassunto	This present book includes selected papers presented at the 16th International Conference on Electrostatic Precipitation. It presents research shortcomings and future orientations in ESP among others, advancements in power supply, modelling, novel applications and new techniques, industrial experience and case studies. Outstanding scientists and engineers worldwide in the field reported their on-going researches. The book is a useful reference for scientists and engineers to keep abreast of the latest developments in environmental science and engineering.