



Automotive Engines Emissions and Control

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

This Special Issue aims to gather innovative research and highlight recent advances on the very timely and sensitive subject of exhaust emissions from internal combustion engines. It is a well established fact that exhaust emissions from engines contribute significantly to environmental pollution and greenhouse gases on a global scale. Topics of interest for the Special Issue include (but are not limited to):

- Production mechanisms and pollutants formation in spark ignition engines and diesel engines;
- Exhaust after-treatment systems: three-way catalysts, oxidation catalysts, diesel and gasoline particulate filters, selective catalytic reduction, NO_x adsorbers;
- Internal measures for emissions control (exhaust gas recirculation, water injection, etc);
- Combustion noise from diesel engines;
- Alternative fuels and biofuels effects on pollutants emissions;
- Influence of alternative combustion systems, such as HCCI, PCCI and RCCI, on pollutants formation.

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Guest Editors





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Message from the Editor-in-Chief

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