



CALL FOR PAPERS

Track 19: Transportation Systems

ASME 2010 International Mechanical Engineering Congress and Exposition

Vancouver, British Columbia, Canada

November 12-18, 2010

19.4 Advanced Combustion and Emission Control

Authors and presenters are invited to participate in the Transportation Systems Track of the 2010 IMECE to expand international cooperation, understanding and promotion of efforts and disciplines in the areas of advanced combustion and emission control. Papers presented in this track will emphasize dissemination of research results, new developments, and novel system concepts relating to modeling and experimental techniques in advanced combustion and emission control relevant to gasoline and diesel engine technologies. A variety of sessions are available for paper presentations and papers will be grouped into common interest areas to facilitate discussion.

Abstracts are invited for presentation and publication in the following areas:

- Combustion including direct injection (SI), mixing-controlled combustion (CI), combustion modeling, control and diagnostics, HCCI, cold start and transients.
- Exhaust aftertreatment and emissions including emissions measurement and testing, kinetics characterization, exhaust emission control modeling, model based control and on-board diagnostics, advanced catalysts and substrates, advanced sensors and measurement.

Prospective authors should submit a 400-word abstract via the web tool at the Congress 2010 website. <http://www.asmeconferences.org/congress2010/>

Final papers will be available on CD-ROM at the meeting. See Conference website for detailed Publication Schedule.

<http://www.asmeconferences.org/Congress2010/PublicationSchedule.cfm>

Key Dates

Abstracts - March 1, 2010

Draft Paper - May 31, 2010

Final Paper - August 19, 2010

Topic Organizer:	Maruthi Devarakonda, Pacific Northwest National Laboratory, (+1) 509 375 4347, maruthi.devarakonda@pnl.gov	