



UNIVERSITÀ DI PARMA



CIDEA
CENTRO
INTERDIPARTIMENTALE PER
L'ENERGIA E L'AMBIENTE

SAENAPLES
An SAE International Section

Workshop

**“PM from Internal Combustion Engines:
emissions, effects and technologies”**

December 12th, 2018

Centro Sant'Elisabetta
University Campus



CIDEA - Viale delle Scienze 42 - Podere Campagna - 43124 PARMA (Italy)
<http://www.centritecnopolo.unipr.it/cidea/>



Workshop
“PM from Internal Combustion Engines: emissions, effects and technologies”

Centro S.Elisabetta, December 12th 2018

Chairman: **Agostino Gambarotta** – University of Parma

- 14:30 Welcome.
Roberto Fornari, vice-Rector, University of Parma
Bianca Maria Vaglieco, SAE-NA
Agostino Gambarotta, CIDEA, University of Parma
- 15:00 **“Particulate matter in the atmosphere: actual status and perspectives”**, Stefano Cernuschi, Department of Civil and Environmental Engineering, Politecnico di Milano
- 15:30 **“The Supersito Project of Arpae Emilia-Romagna”**,  **Vanes Poluzzi**,  Head of CTR Urban Areas, ARPAE Emilia-Romagna
- 16:00 **“The Regional Integrated Air Plan (PAIR) 2020 and the reduction scenarios for PM”**, Marco Deserti,  Head of CTR Air Quality, ARPAE Emilia-Romagna
- 16:30 **“PM emissions from modern direct injection engines”**, F.Catapano, S.Di Iorio, E.Mancaruso, B.M.Vaglieco, Istituto Motori CNR
- 17:00 **“State-of-the-art aftertreatment systems and their impact on vehicle emissions”**, P.Dimopoulos Eggenschwiler, Automotive Powertrain Technologies Laboratory, Group Exhaust Aftertreatment, EMPA-Swiss Federal Laboratories for Materials Science and Technology
- 17:30 **“Effect of ambient pollution exposure on human health”**, Massimo Corradi, Department of Medicine and Surgery, University of Parma
- 18:00 Discussion

Organization: Agostino Gambarotta,
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