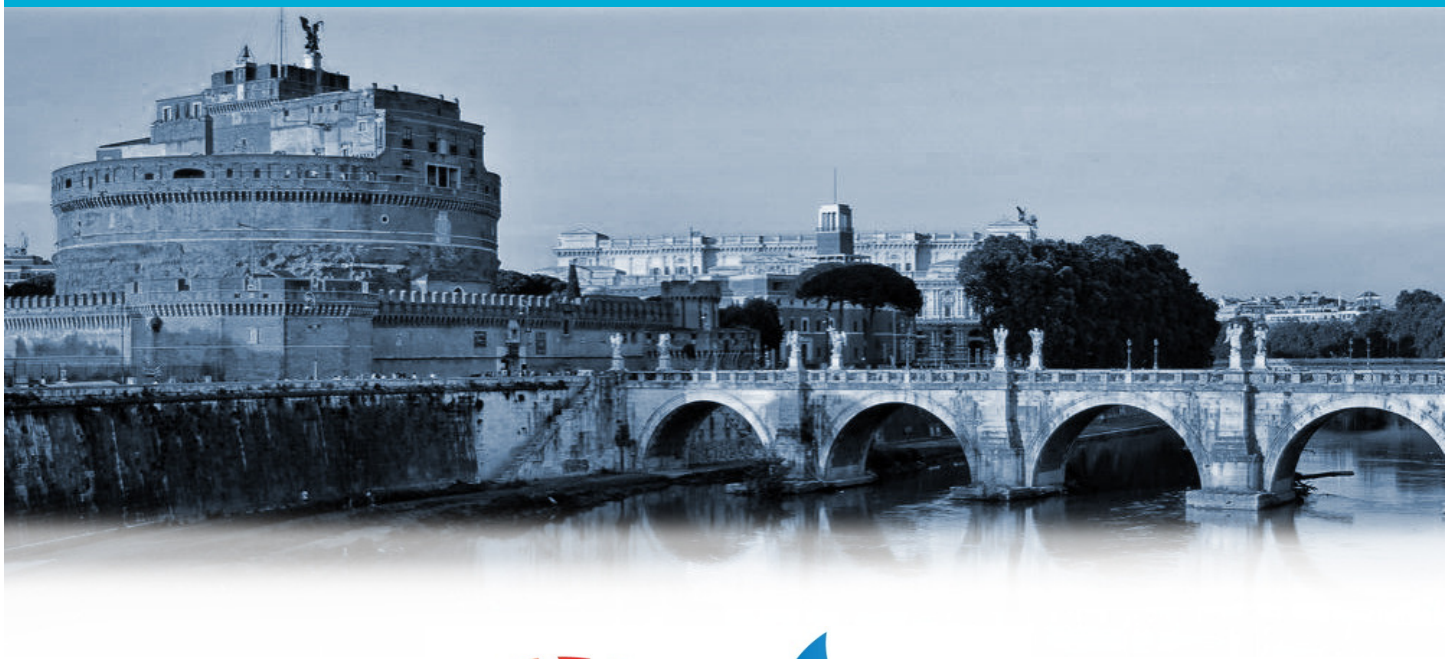
TIS ROMA 2017

INTERNATIONAL CONGRESS ON
TRANSPORT INFRASTRUCTURE AND SYSTEMS

EMERGING TECHNOLOGIES TO ENABLE SMARTER, GREENER AND MORE EFFICIENT MOVEMENT OF PEOPLE AND GOODS AROUND THE WORLD.

APRIL 12TH , 2017
Rome, ACI Building, Via Marsala, 8



NEW POWERTRAIN CONCEPT BASED ON THE INTEGRATION OF ENERGY RECOVERY, STORAGE AND RE-USE SYSTEM WITH ENGINE SYSTEM AND CONTROL STRATEGIES

The future emission regulations and the fuel economy in terms of cost saving for the final user are the main drivers for research and development towards fuel efficient powertrains in the field of heavy duty transportation.

NEW POWERTRAIN CONCEPT BASED ON THE INTEGRATION OF ENERGY RECOVERY, STORAGE AND RE-USE SYSTEM WITH ENGINE SYSTEM AND CONTROL STRATEGIES

THE PROGRAM

Wednesday, April 12th, 2017

TIME	TOPIC	LECTURER
09:00	GASTone Project Objectives	Merlo A. M. Centro Ricerche Fiat S. C. p. A.
09:20	Dynamic Model of the GASTone System at Vehicle Level	Hervas Blasco E. Universitat Politecnica de Valencia
09:40	TEG Basics and Cartridges	Spillner R. Gentherm GmbH
10:00	A Thermoelectric Generator for Heavy-duty Vehicles	Schleicher D., Schnörch A. Engineering Center Steyr GmbH & Co KG
10:20	TEG Next Generation	Spillner R. Gentherm GmbH
10:40	Potential Savings Based on 48V Components within Future Board- net	Gietl R., Schießl A. Continental Automotive GmbH
11:00	*Coffe breack*	
11:30	GASTone On-board Thermal Module Architecture	Rinaldi A. Centro Ricerche Fiat S. C. p. A.
11:50	GASTone Powerpack Description	Golini S. FPT Industrial S. p. A.
12:10	GASTone System Experimental Validation	Tucci F. FPT Industrial S. p. A.
12:30	GASTone Benefit Estimation at Vehicle Level	Navarro E. Universitat Politecnica de Valencia
12:50	Exploitation Plan	Merlo A. M. Centro Ricerche Fiat S. C. p. A.

PARTNERS

CRF CENTRO RICERCHE FIAT
engineering center steyr
A COMPANY OF MAGNA POWERTRAIN
FPT
GENTHERM
Continental

SEVENTH FRAMEWORK PROGRAMME

THEME GC.SST.2013-6. GC.SST.2013-6
High efficiency energy conversion for future heavy duty transport
Grant agreement no: 605456