

2008 SAE ALTERNATE REFRIGERANT SYSTEMS SYMPOSIUM
Draft Program as of 5.1.08

Monday, June 9, 2008

- 8:00 am - 12 noon SAE CRP1234-1 (Members only)
- 12 noon Lunch (On your own)
- 1:30 - 4:30 pm SAE CRP1234-2 (Members only)
- 10:00 - 6:00 pm ARSS Registration [Riders of vehicles must pre-register]

Tuesday, June 10, 2008

- 7:00 am Registration - The Navajo Room
Breakfast - The McDowell Room
- 8:00 am Opening Remarks - Ward Atkinson
- 8:10 am R1234yf System Enhancements - John Meyer, Visteon Climate Control
- 8:40 am SAE CRP 1234-2 Overview of HFO-1234yf Project - Bill Hill, GM Technical Center
- 9:10 am The Four Fiat Pandas Experiment - Carlo-Andrea Malvicino, CRF Veicoli
- 9:40 am Refreshment Break
- 10:00 am Safety Issues with Flammable Refrigerants Application on a Small Vehicle MACS' Design - Roberto Monforte, Fiat Group Automobiles S.p.A.
- 10:30 am GM HFO-1234yf Refrigerant Development - Kenneth Porrett and Eric Scarlett, GM
- 11:00 am HFO-1234yf Low GWP Refrigerant - A Global Sustainable Solution for Mobile Air Conditioning - Mark Spatz, Honeywell Intl. Inc.; Barbara Haviland Minor, DuPont Fluorproducts
- 11:30 am - 12:00 pm Ride Commentary
- 12:00 - 1:15 pm Lunch - The McDowell Room
- 12:45 - 3:45 pm Formal Vehicle Rides
Formal Vehicle rides are for members of specifically assigned ride teams.
- 3:30 - 5:00 pm Committee Working Group Meetings - LCCP
- 6:00 - 7:00 pm Evening Reception - The Pavilion Room

Wednesday, June 11, 2008

- 7:00 am Registration - The Navajo Room
Breakfast - The McDowell Room
- 8:00 am COP Determination of MAC - Harald Riegel, Behr GmbH & Co. KG
- 8:30 am Secondary Loop - Pega Hrnjak, Univ. of Illinois at Urbana-Champaign
- 9:00 am Comparative Life Cycle Assessment on Alternative Refrigerant Systems - Sungjoon Hong, Hyundai & Kia Corp.
- 9:30 am Greenhouse Gas Emissions and Abatement Opportunities in Do-It-Yourself Recharging of Leaky Motor Vehicle Air Conditioning Systems in California - Alberto Ayala, CARB
- 10:00 am Refreshment Break
- 10:20 am Leakage Analysis of R744 Compressor Shaft Seal - Markus Schwerdtfeger, KACO GmbH + Co KG Dich.
- 10:50 am "Piflex" Flexible All Aluminum Hose for R744 MAC Systems - Henry Petersen, PIFLEX P/S
- 11:20 am A/C System Control Strategies for Major Refrigerant Options - Christophe Petitjean, Valeo
- 12:00 - 1:15 pm Lunch - The McDowell Room
- 12:45 - 3:45 pm Formal Rides
Formal Vehicle Rides are for member of specifically assigned ride teams.
- 3:00 - 5:00 pm Committee meeting of standards working groups, including ISO document development
- 6:00 - 7:00 pm Evening Reception - The Pavilion Room

Thursday, June 12, 2008

- 7:00 a.m. Registration - The Navajo Room
Breakfast - The McDowell Room
- 8:00 am Test Results of Refrigerant R-152a in an Automotive Air-conditioning System - Man-Hoe Kim, Korea Advanced Inst. of Science & Technology
- 8:30 am European Vehicle Manufacturer's Assessment for Meeting 2011 Regulation, TBD
- 8:50 am Japanese Vehicle Manufacturer's Assessment for Meeting 2011 Regulation, TBD

Thursday, June 12, 2008 (cont.)

- 9:10 am Korean Vehicle Manufacturer's Assessment for Meeting 2011 Regulation, TBD
- 9:30 am U.S. Vehicle Manufacturer's Assessment for Meeting 2011 Regulation, TBD
- 9:50 am Q&A for prior four presentations
- 10:00 am Refreshment Break
- 10:20 am Mobile A/C Impact on CO2 Exhaust Emissions - Over the Road Monitoring in Real Time -Timothy Fox, California State Univ. - Northridge
- 10:50 am "The Great Refrigerant Debate"
(NOTE: Chatham House Rules will apply to these discussions.)
Panel of global OEM and Tier one representatives to offer "opinions" on a range of questions related to refrigerant choices to meet the EU regulation mandated for 2011.
- 12:00 - 1:15 pm Lunch
- 12:45 - 3:45 pm Formal Vehicle Rides
Formal vehicle rides are for members specifically assigned ride teams.
- 3:30 - 5:00 pm Committee Working Group Meetings - ICC

NOTE: Presentations and ride and drive results will be posted on the SAE Website after the symposium concludes. An email will be sent to all registrants with the necessary password for accessing the documents.

Friday, June 13, 2008

MAC Summit (Not part of the SAE ARSS ----- Breakfast is on your own)

The 2008 MAC Summit will be held at the Scottsdale Princess Hotel, located adjacent to the Scottsdale Resort Suites Hotel.