



Research Council for Automobile Repairs



Research Council for Automobile Repairs

Newsletter

www.rcar.org

September 2008

From the Secretary-General

I would like to take this opportunity to extend to each of you a warm welcome to the 2008 RCAR Annual Conference to be held in Paris in just a few short weeks. There is no doubt that reading of this edition of our Newsletter, your excitement will be peaked. This year we have twenty-one of our twenty-four member companies attending, with 46 confirmed delegates and 27 confirmed partners for a total representation of 73 participants, up from 63 last year. The increase in attendance signifies the strength of RCAR and the value each attendee recognizes in actively participating in our annual event.



Our host for this year is Cesvi France. The conference planning and organization team, lead by Vincent Claeys, General Manager of Cesvi France has worked extremely hard to organize the conference. In addition to the Technical Program, the Social and Partner Programs have been designed to enrich our experience in Paris. The conference hotel has been selected for its proximity to the business and cultural centre of the city. Many historical and cultural experiences you will want to take in are within walking distance or a short taxi ride away. For those who plan to venture further, public transit access is available immediately outside the hotel. The enclosed subway map will be of assistance to you.

The Technical Program is shown on Pages 11 to 14 of the Newsletter. As in past years, the program reflects our interest in controlling the cost of material damage, personal injury and vehicle theft. A strong focus this year is on vehicle safety and the new technologies coming to market. Our Working Groups will report on their collaborative research over the past year. Of interest to everyone will be the presentation on the Vehicle Design Guide and the progress made over the past year.

There is no doubt we will once again have a successful annual conference. I am looking forward to seeing everyone. We will have an opportunity to bid farewell to some retiring delegates and their partners. Michael and Patricia Smith will be attending the conference as guests of RCAR, giving us an opportunity to recognize their contribution to RCAR over the past eight years. There will also be a number of delegates and partners joining us for the first time. May I be the first to welcome you!

Paris awaits!

Wilf Bedard

Special points of interest:

- *From the Secretary-General* 1
- *Dates for your Diary* 15
- *The RCAR Network* 15

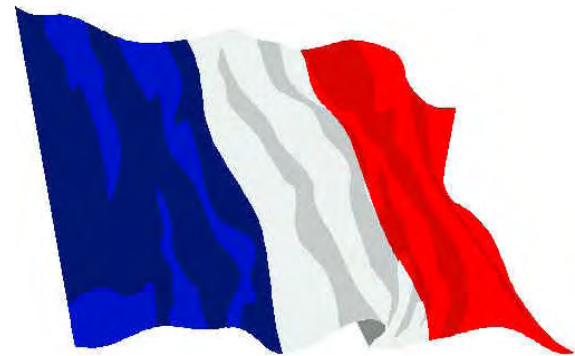
Inside this issue:

- Welcome to France* 2
- Welcome to Paris* 3
- Welcome to Hotel Concorde Saint Lazare* 6
- Meet the CESVI France people* 7
- Paris Subway Map* 9
- RCAR Paris Locations* 10
- Technical Agenda* 11



WELCOME TO FRANCE

France, officially the **French Republic**, is a country whose metropolitan territory is located in Western Europe and that also comprises various overseas islands and territories located in other continents. Metropolitan France extends from the Mediterranean Sea to the English Channel and the North Sea, and from the Rhine to the Atlantic Ocean. French people often refer to Metropolitan France as L'Hexagone (The Hexagon) because of the geometric shape of its territory. France is a unitary semipresidential republic. Its main ideals are expressed in the Declaration of the Rights of Man and of the Citizen.



France is bordered by Belgium, Luxembourg, Germany, Switzerland, Italy, Monaco, Andorra, and Spain. Due to its overseas departments, France also shares land borders with Brazil and Suriname (bordering French Guiana), and the Netherlands Antilles (bordering Saint-Martin). France is also linked to the United Kingdom by the Channel Tunnel, which passes underneath the English Channel.

France has been one of the world's foremost powers since the latter half of the 17th century. In the 18th and 19th centuries, France built one of the largest colonial empires of the time, stretching across West Africa and Southeast Asia, prominently influencing the cultures and politics of the regions. France is a developed country, with the sixth (nominal GDP) or eighth (PPP) largest economy in the world. It is the most visited country in the world, receiving 82 million foreign tourists annually (including business visitors, but excluding people staying less than 24 hours in France). France is one of the founding members of the European Union, and has the largest land area of all members. France is also a founding member of the United Nations, and a member of the Francophonie, the G8, NATO, and the Latin Union. It is one of the five permanent members of the United Nations Security Council; it is also an acknowledged nuclear power.



Paris is the capital of France and the country's largest city.

It is situated on the River Seine, in northern France, at the heart of the Île-de-France region (also known as the «Paris Region»; French: Région parisienne). The city of Paris within its administrative limits (largely unchanged since 1860) has an estimated population of 2,167,994 (January 2006). The Paris unité urbaine (or urban area) extends well beyond the administrative city limits and has an estimated population of 9.93 million (in 2005). The Paris aire urbaine (or metropolitan area) has a population of nearly 12 million, and is one of the most populated metropolitan areas in Europe.

An important settlement for more than two millennia, Paris is today one of the world's leading business and cultural centres, and its influence in politics, education, entertainment, media, fashion, science and the arts all contribute to its status as one of the world's major global cities. The Paris Region (Île-de-France) is Europe's biggest city economy, and is fifth in the World's list of cities by GDP. With €500.8 billion (US\$628.9 billion), it produced more than a quarter of the gross domestic product (GDP) of France in 2006. The Paris Region hosts 36 of the Fortune Global 500 companies in several business districts, notably La Défense, the largest purpose-built business district in Europe. Paris also hosts many international organizations such as UNESCO, the OECD, the ICC and the informal Paris Club.



City coat of arms



«Le Louvres» Museum

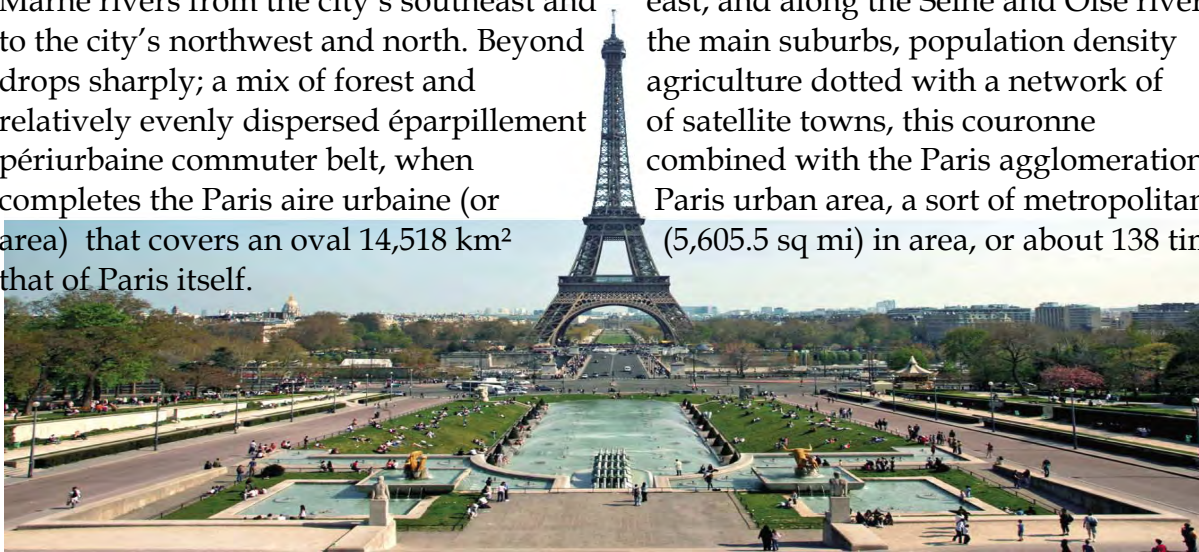
Paris is one of the most popular tourist destinations in the world, with over 30 million foreign visitors per year. There are numerous iconic landmarks among its many attractions, along with world famous institutions and popular parks.

Paris is located in the north-bending arc of the river Seine and includes two islands, the Île Saint-Louis and the larger Île de la Cité, which form the oldest part of the city. Overall, the city is relatively flat, and the lowest elevation is 35 metres (114 ft) above sea level. Paris has several prominent hills, of which the highest is Montmartre at 130 m (426 ft).



Paris, excluding the outlying parks of Bois de Boulogne and Bois de Vincennes, covers an oval measuring 86.928 square kilometres (33.56 square miles) in area. The city's last major annexation of outlying territories in 1860 not only gave it its modern form, but created the twenty clockwise-spiralling arrondissements (municipal boroughs). From the 1860 area of 78 km² (30.1 sq mi), the city limits were expanded marginally to 86.9 km² (34 sq mi) in the 1920s. In 1929 the Bois de Boulogne and Bois de Vincennes forest parks were officially annexed to the city, bringing its area to the present 105.397 km² (40.69 sq mi).

Paris' real demographic size, or unité urbaine, extends well beyond the city limits, forming an irregular oval with arms of urban growth extending along the Seine and Marne rivers from the city's southeast and east, and along the Seine and Oise rivers to the city's northwest and north. Beyond the main suburbs, population density drops sharply; a mix of forest and relatively evenly dispersed éparpillement of satellite towns, this couronne périurbaine commuter belt, when combined with the Paris agglomeration, completes the Paris aire urbaine (or Paris urban area, a sort of metropolitan area) that covers an oval 14,518 km² (5,605.5 sq mi) in area, or about 138 times that of Paris itself.





Paris has an oceanic climate and is affected by the North Atlantic Current, so the city has a temperate climate that rarely sees extremely high or low temperatures. The average yearly high temperature is about 15 °C (59 °F), and yearly lows tend to remain around an average of 7 °C (45 °F). The highest temperature ever, recorded on 28 July 1948, was 40.4 °C (104.7 °F), and the lowest was a -23.9 °C (-11.0 °F) temperature reached on 10 December 1879.[23] The Paris region has recently seen temperatures reaching both extremes, with the heat wave of 2003 and the cold wave of 2006.

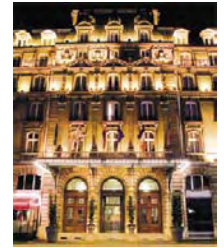
Weather averages for Paris

Month	Aug	Sep	Oct	Year
Average high °C (°F)	24.6 (76)	20.8 (69)	15.8 (60)	15.5 (60)
Average low °C (°F)	15.4 (60)	12.5 (55)	9.2 (49)	8.5 (47)
Precipitation mm (inches)	43.0 (1.7)	54.7 (2.2)	59.7 (2.4)	649.6 (25.6)

Rainfall can occur at any time of the year, and Paris is known for its sudden showers. The city sees an average yearly precipitation of 641.6 mm (25.2 inches). Snowfall is a rare occurrence, usually appearing in the coldest months of January or February (but has been recorded as late as April), and almost never accumulates enough to make a covering that will last more than a day.



WELCOME TO HOTEL CONCORDE SAINT LAZARE



The Concorde Saint-Lazare enjoys a truly privileged location, situated in the heart of Paris between the business district, cultural quarter and the famous shopping areas of the Boulevard Haussmann. This XIX century building is a listed masterpiece with its breathtaking grand foyer and its classification as an historical monument.



Blend of contemporary design and timeless elegance. Spanning five floors, the 266 spacious guest rooms are tastefully decorated with an air of sophistication and opulence. The well-appointed rooms feature satellite TV, direct dial telephone, individual safe, and air-conditioning.



For business guests, the hotel comprises a business centre, along with 12 reception rooms set to cater for every occasion.



The Concorde Saint-Lazare offers a choice of dining options and serves French cuisine within its onsite restaurant. The hotel's cocktail bar provides the perfect setting to relax and enjoy a quiet drink at the day's end.

Located in the heart of Paris on rue Saint-Lazare, The Concorde Saint-Lazare provides the ideal base to explore the 'City of Lights'. It has easy access to many of Paris' most famed attractions and is just a few minutes walk from the Opera Garnier and the department stores of the Boulevard Haussmann.





CESVI FRANCE PEOPLE

Vincent CLAEYS

General Manager of CESVI FRANCE.

Vincent joined CESVI France in 2006 after several years in Insurance Company. His previous job was Car insurance product manager. Vincent CLAEYS is 47 years of age, his interests include history, running and cycling race.



Fleur CASTRO

Administrative Manager of CESVI FRANCE.



I am the Director of Administration of Cesvi France. I have been working at Cesvi France since the company started in 1998. Before coming to Cesvi, I worked at the headquarters of Groupama (one of our shareholders), in the International Division for two years. Before that, I was working in a subsidiary of Groupama in Spain for six years.

In my current role as Director of Administration, I am in charge of all the support operations for the company such as accounting, Human Resources, IT, publications and management of our training programs, as well as the building logistics.

Guillaume LANGLADE

Technical Manager of CESVI FRANCE

I have been managing technical activities of CESVI France since 2004 but like Fleur, I started to work in the company in 1998. Since I graduated in 1994, I passed 4 years in engineering bodyshells for Rover in Oxford (GB), subframes for Renault in Paris and pistons for Federal Mogul in Poitiers where CESVI France' facilities are located.

I was really happy to participate to 2004, 2006 and 2007 RCAR meetings and look forward to welcoming all of you this year in Paris with CESVI France's engineers. I hope both technical and social programs will provide you some interest and nice memories.



Part of the CESVI FRANCE team you'll meet: the engineers.



Arnaud GARCIA



Antoine BOURELY



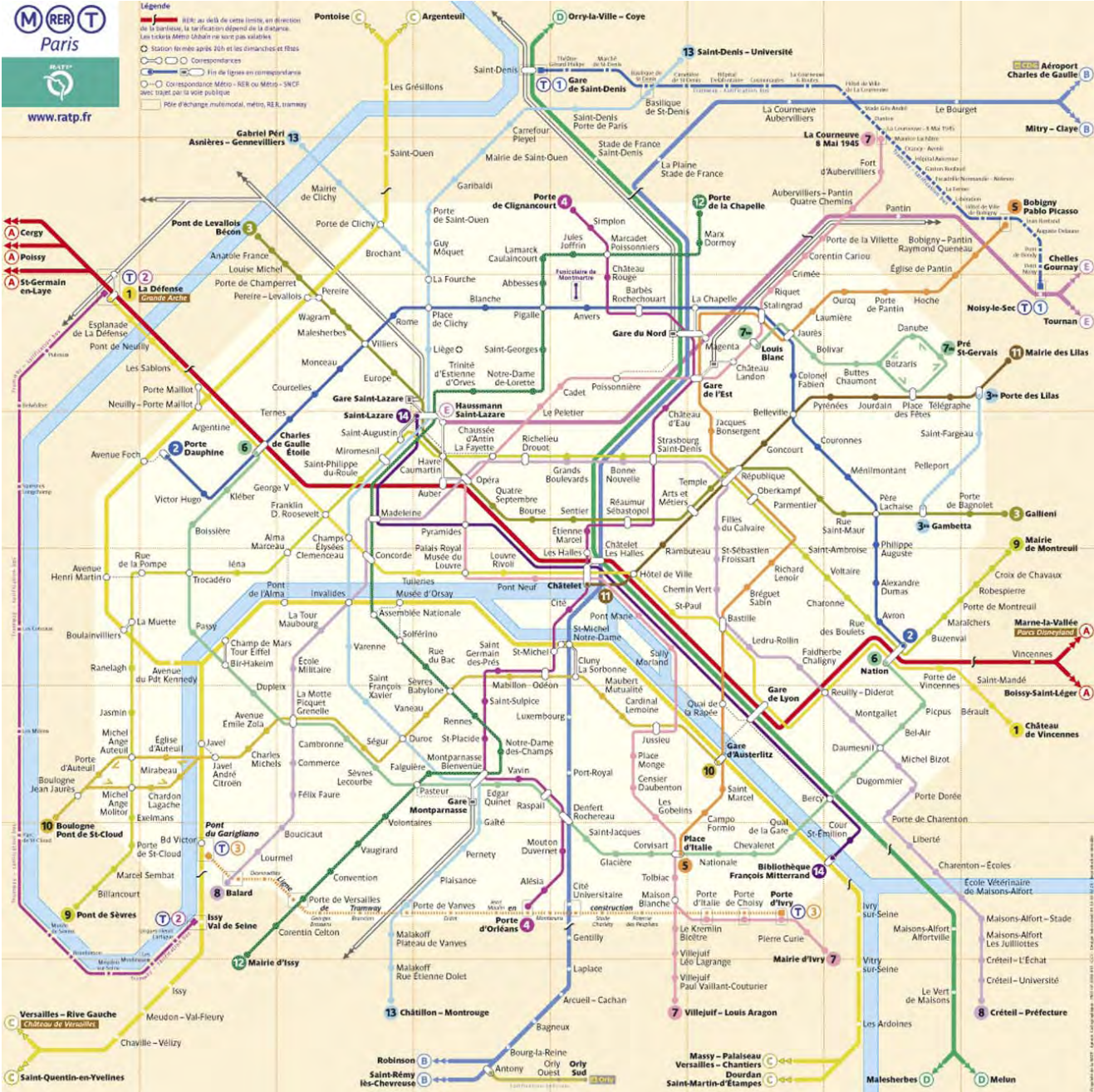
Nadia BESTAOUI



Nicolas HAMELIN



François BRODIER



RCAR Technical Program 2008

Paris, France
September 15-19, 2008

Monday, September 15, 2008

Session 1 9:00 - 10:30

09:00	Welcome & Opening Remarks	Vincent Claeys
09:15	Steering Committee Report by Chairman	Robert McDonald
09:30	Secretary General's Report	Wilf Bedard
10:00	Young Driver Research Initiative - Update	State Farm
10:15	Generation Y - Youth and Car Insurance	Cesvi Spain
10:30	Break for Refreshments (30 minutes)	

Session 2 11:00 - 12:30

11:00	Malaysian Motor Claims Monitor	MRC
11:15	Pedestrian Protection - Enemy of Reparability?	Cesvi France
11:30	Comparison Study of Waterborne Paint Repairs	JKC
11:45	Waterborne Paint Refinishing Cost Comparison	MPI
12:00	Centro Zaragoza's New Facilities	Centro Zaragoza
12:30	Meeting with Partners - Lunch	

End of Day 1

Tuesday, September 16, 2008

Session 3 9:00 - 10:30

09:00	Thattham's Vehicle Security Standards - Global Interest	Thattham
09:15	Results of Crash Tests on Compact Vehicles in Korea	KART
09:30	Cestar Activities of General Insurance Group	Cestar
09:45	New Logistic Process for Second Hand Parts	VAT
10:00	Motorcycle Design Guide	IAG
10:15	New Facilities for Heavy Duty Repair Sector	Cesvi Mexico
10:30	Break for Refreshments (30 minutes)	

Session 4 11:00 – 12:30

- 11:00 PSA – Manufacturers of Peugeot and Citroen PSA
12:30 Break for Lunch (1 ½ hours)

Session 5 14:00 – 15:30

- 14:00 Bumper Testing at IIHS IIHS
14:15 Low Speed Reinforcement Modification for
Low Speed Bumper Test Tech-Cor
14:30 Low Speed Crash Program IAG
14:45 Damageability – Thatcham’s 2008 Bumper Tests Results Thatcham
15:00 Study of Corner Tests JKC
15:15 Chairman’s Report – Crash Test Working Group Hartmuth Wolff
15:30 Break for Refreshments (30 minutes)

Session 6 16:00 – 17:15

- 16:00 Stronger Roofs and Injury in Vehicle Rollovers IIHS
16:15 Study on Injury Depth According to Vehicle Damage
Types in Low Speed Rear-end Crash KART
16:30 Review of Global Vehicles State Farm
16:45 Equipment and Products Technical Evaluation Cesvi Brazil
17:00 Autoflex – The Possibility for Non-OEM’s to Access
The Norwegian Body Repair Market NARC

End of Day 2

Thursday, September 18, 2008

Session 7 9:00 – 10:30

- 09:00 New Method for Looking Inside Repairing Process VAT
09:15 Mechanical Breakdown Insurance Cesvi Spain
09:30 Repair Times for Hail Damage Cesvi France
09:45 Frontal Crash Golf V at 20 kmph KTI
10:00 Safest Cars Annual Award Cesvi Argentina
10:15 Chairman’s Report – RCAR Reparability
Working Group Andy Walker
10:30 Break for Refreshments (30 minutes)



Session 8 11:00 - 12:30

11:00	Presentation by Renault	Renault
12:30	Break for Lunch (1 ½ hours)	

Session 9 14:00 - 15:30

14:00	Electronic Parts in Accident - Automobile Repair of Modern Cars	KTI
14:15	Repair Method Validation for Safe Repairs	Thatcham
14:30	CZ Certified Spare Parts: Safety Requirements	Centro Zaragoza
14:45	Straightening Time Tables	Cesvi Colombia
15:00	The New Euro NCAP Whiplash Test Procedure and the Impact on IIWPG	Thatcham
15:15	Real World Effects of ABS on Motorcycles in the USA	IIHS
15:30	Break for Refreshments (30 minutes)	

Session 10 16:00 - 17:15

16:00	Group Rating System in Korea	KART
16:15	ICRV - Cesvi Reparability Vehicle Index a Communication Tool	Cesvi Colombia
16:30	Front Sectioning Protocols for Honda Accord and Civic	Tech-Cor
16:45	Boot Repair on Holden VE Commodore	IAG
17:00	Stability Problems in Domestic Cars	Cesvi Argentina

End of Day 3**Friday, September 19, 2008****Session 11 9:00 - 10:00**

09:00	I-CAR (Inter-Industry Conference on Auto Collision Repair)	State Farm
09:15	Water and SUV's - Associated Risks	Cesvi Spain
09:30	Cut & Joint Scenario in Malaysia	MRC
09:45	Chairman's Report - P-Safe Working Group	Matthew Avery
10:00	Break for Refreshments (30 minutes)	



Session 12 10:30 - 12:15

10:30	Project Fair Repair - Appropriate Proper and Professional Repair	KTI
10:45	Trends in Automotive Glazing: - High-tech versus Reparability	AZT
11:00	Winter Tire Study	MPI
11:15	RCAR Business Matters (1 hour)	
12:15	RCAR Conference 2009 - Chicago USA	Tech-Cor/State Farm

End of Technical Program RCAR 2008



The RCAR Network:

AZT Germany	www.allianz-azt.de
Centro Zaragoza Spain	www.centro-zaragoza.com
Cesvimap Spain	www.cesvimap.com
Cesvi Argentina	www.cesvi.com.ar
Cesvi Brasil	www.cesvibrasil.com.br
Cesvi Colombia	www.cesvicolombia.com
Cesvi France	www.cesvifrance.fr
Cesvi Mexico	www.cesvimexico.com.mx
CESTAR Italy	www.cestar.it
VAT Finland	www.liikennevakuutuskeskus.fi
Folksam Auto Sweden	www.folksamauto.com
ICBC Canada	www.icbc.com
IIHS USA	www.highwaysafety.org
KTI Germany	www.k-t-i.de
MPI Canada	www.mpi.mb.ca
JKC Japan	www.jikencenter.co.jp
KART Korea	www.kidi.co.kr
MRC Malaysia	www.e-mrc.com.my
FNH Norway	www.fnh.no
IAG Australia	www.nrma.com.au
State Farm USA	www.statefarm.usa
Tech-Cor USA	www.tech-cor.com
Thatcham UK	www.thatcham.org
AXA-Winterhur Switzerland	www.winterhur.com

Dates for your Diary:

Annual RCAR Conference will be held in Paris, France September 14-19 2008, hosted by CESVI France.

Engineering Project Management Seminar will be held September 29-30 2008, at Greenville Technical College Greenville, S.C., hosted by SAE International, Troy, Michigan.
Details: www.sae.org

52nd Annual Conference of the Association for the Advancement of Automotive Medicine (AAAM) will be held in San Diego, California, October 5-8, 2008
Details: www.carcrash.org

Patent Law for Engineers Seminar will be held October 6, 2008, hosted by SAE International, Troy, Michigan.
Details: www.sae.org

52nd STAPP Car Crash Conference will be held in San Antonio, Texas, November 3-5, 2008
Details: www.stapp.org

NACE 2008 will be held at the Mandalay Bay Convention Centre, Las Vegas, Nevada, November 5-8, 2008
Details: www.naceexpo.com

21st International Technical Conference on the Enhanced Safety of Vehicles (ESV) will be held at the International Congress Centre, Stuttgart, Germany, June 15-18, 2009
Details: www.esv.nhtsa.dot.gov

