



**SIREC SA**

Ch. de la Moitte 5  
 CH - 1024 Ecublens - Lausanne  
 Tél. +41 21 691 20 51  
 Fax +41 21 691 63 62

- Covered reception facilities for 5000 used vehicles with direct rail / road access
- 2000 HP Shredder with annual capacity of 100'000 tons of old cars and ferrous scrap
- High quality secondary raw material is delivered to steel works and non-ferrous foundries.



SIREC SA is member of the BAREC group with a total of 12 companies specialized in ecological recycling services.

For further details consult

[www.barec.ch](http://www.barec.ch)



# 4<sup>th</sup> International Automobile Recycling Congress

## March 10 – 12, 2004

### Geneva, Switzerland



#### Patronage

The Police, Justice and Transport Department  
 of the Republic and Canton of Geneva, Switzerland

Federal Department of Transport, Communications and Energy, Switzerland



## Foreword IARC 2004

Welcome in Geneva!

On behalf of the Steering Committee I have the pleasure to announce the 4th International Automobile Recycling Congress. We are very honoured to welcome Mr. Ivan Hodac, Secretary General from the European Automobile Manufacturers Association (ACEA), as keynote speaker.

We welcome all the participants involved in the business of automobile manufacturing and recycling and also those who would like to learn from this fascinating, but to some extent very complex business. Why did it become complex? We all remember the good old time, where the shredder companies have been the kings of steel scrap recycling – they still are. But several major factors are going to change our businesses dramatically.

What are the major factors? Many industrialized countries created new regulations, China became the world's biggest scrap importer in 2002, European and US steel industry is moving its production capacity to China, India and other Asian countries, metal prices change dramatically, energy prices go up, transportation

costs go down, new tax systems came along with national protectionism, the ratio between EUR and USD is very bad for the European producers.

What are the consequences for us? Our business is highly affected by those factors. New commercial activities are coming up – others will disappear or move to another continent. Producers and the recycling industry have to take care of huge quantities of used cars, plastics, ASR and tyres. I just recommend one thing: keep an eye on the international developments in order to make the right decisions. I am convinced, that the discussions at this congress will also answer a lot of questions.

Geneva is a beautiful city and the mountains in the area are gorgeous. Take the chance to combine the congress with a visit of the splendid Geneva Motor Show.

### Roger Burri

Chairman of the Steering Committee  
International Automobile Recycling  
Congress

## Keynote Speaker

### Ivan Hodac

European Automobile  
Manufacturers  
Association (ACEA)  
Secretary General  
Belgium



## International Steering Committee



**Genkichi Ando**  
Seinan Corporation  
Director  
Japan



**Dave Bebelaar**  
Auto Recycling Nederland  
(ARN)  
Managing Director  
Netherlands



**Manfred Beck**  
Recycling International  
Magazine  
Editor  
Netherlands



**Prof. Wijnand Dalmijn**  
Delft University  
of Technology  
Netherlands



**Olivier François**  
GALLOO SA  
Environmental Manager  
Belgium  
VAL-RB, Director, France



**Joseph M. Holsten**  
LKQ Corporation  
CEO  
USA



**Fede Karrer**  
Foundation Auto Recycling  
Switzerland  
Delegate of the Board  
Switzerland



**Roger Burri, Chairman**  
Air Mercury AG  
President  
Switzerland



**Ferdinand Kleppmann**  
Foundation of the German  
operators of thermal waste  
incineration plants (ITAD)  
Chairman of the Board  
Germany



**Alessandro Levizzari**  
FIAT Research Center  
Life Cycle Assessment  
Expert  
Italy



**Richard Paul**  
Automotive Recycling  
Consultant  
USA



**Norbert Prüm**  
ARCELOR  
Environmental Issues  
Luxembourg



**Dr. Siegfried Schäper**  
Audi AG  
Recycling/Resources  
Germany



**Julien Van Damme**  
Honda Motor Europe Ltd.  
Recycling Manager  
Belgium



**Rolf Willeke**  
Association of German Steel  
& Recycling Companies  
Executive Board Member  
Germany

## Who should attend?

- Automobile manufacturers
- Automotive parts and materials suppliers
- Automobile importers and dealers
- Recycling and dismantling companies
- Shredding companies
- Steel industry
- Collectors of ELV
- Financing organizations for ELV recycling
- Environmental authorities
- Universities and research institutes
- Laboratories for material science
- Consultants

## Organizer of the IARC

ICM AG

International Congress & Marketing

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Jeanette Dufflinger  
Congress Organizer



Erika Noé  
Congress Assistant



Petra Fiorentin  
Congress Assistant



Virginia Keller  
Congress Assistant

## Location of the congress

The International Automobile Recycling Congress (IARC 2004) will be held in the **Hotel Intercontinental from 10 - 12 March 2004 in Geneva, Switzerland.**

### Hotel Intercontinental\*\*\*\*\*

7-9, chemin du Petit-Saconnex

1211 Geneva

Phone: +41 22 919 39 39

Fax: +41 22 919 38 38

E-mail: [geneva@interconti.com](mailto:geneva@interconti.com)

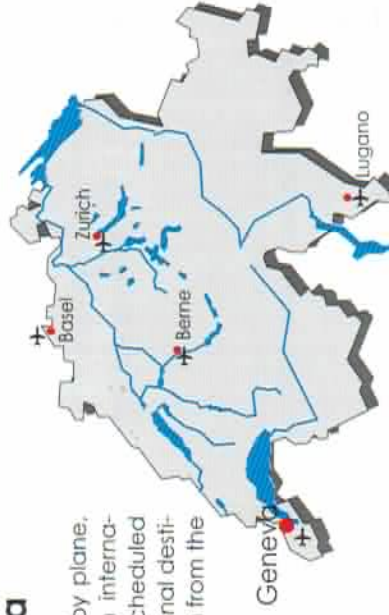
Internet: [www.interconti.com](http://www.interconti.com)

The Hotel Intercontinental is perfectly situated, a few minutes from the international organizations and only a few minutes drive from Geneva International Airport and the Palexpo.

For the participants of the congress a number of rooms are held at a special rate (€ 185.-) if you register before February 6, 2004. If you wish, you may also extend your stay at the same rate.

## Travelling to Geneva

You can easily reach Geneva by plane, train and car. Geneva has an international airport offering direct scheduled flights to more than 70 international destinations. The airport is about 5 km from the city.



## Congress Program IARC 2004

### Wednesday, 10<sup>th</sup> March 2004

- 13.00 – 13.10  
"Welcome and Introduction"  
**Roger Burri, Chairman of the Steering Committee**
- Session 1:**  
13.10 – 13.30  
Legislation and country reports  
**KEYNOTE SPEAKER:**  
**Ivan Hodac, European Automobile Manufacturers Association (ACEA)**
- 13.30 – 14.00  
"Future developments in car recycling in the Netherlands"  
**Dave Beelaar, ARN, Netherlands**
- 14.00 – 14.30  
"Do closed-loop recycling quotas help vehicle recycling? The example of steel"  
**Philippe Russo, Arcelor, France**
- 14.30 – 15.00  
"Recovery of plastics from ELVs – new insights from a sustainable development point of view"  
**Axel Kistenmacher, APME, Belgium**
- 15.00 – 15.30  
**Coffee Break**
- Session 2:**  
15.30 – 16.00  
**Session Chairman:** **Richard Paul, Automotive Consultant, USA**  
"Process and tools to support design for environment at Mercedes Car Group"  
**Klaus Ruhland, DaimlerChrysler, Germany**  
**Marc Binder, PE Europe GmbH, Germany**
- 16.00 – 16.30  
"Recovery of ASR in Nissan Oppama plant"  
**Yo Matsushita, Nissan Europe, France**
- 16.30 – 17.00  
"Recycling proton exchange membrane (PEM) fuel cell systems"  
**Stella Papasavva, General Motors Corp., USA**
- 17.00 – 17.30  
"ELV impact on the automotive industry at material level"  
**Jörg Seidel, General Motors Europe, Germany**
- 19.00  
**Networking Dinner**

### Thursday, 11<sup>th</sup> March 2004

- Session 3:**  
10.00 – 09.30  
**Session Chairman:** **Norbert Prüm, Arcelor, Luxembourg**  
"Thermal tyre recycling in the Swiss cement industry"  
**Dr. Michel Montell, Holcim (Schweiz) AG, Switzerland**
- 09.30 – 10.00  
"Title will follow"  
**BLIC (European Association of the Rubber Industry), Belgium**
- 10.00 – 10.30  
"Tyre recycling in the EU: An evolving industry"  
**Valerie Shulman, ETRA (European Tyre Recycling Association), France**
- 10.30 – 11.00  
**Coffee Break**
- Session 4:**  
11.00 – 11.30  
**Session Chairman:** **Joseph Holsten, LKQ Corporation, USA**  
"Results of a cost analysis of ELV industrial treatment in France"  
**Eric Lecointre, ADEME (French Agency for Environment and Energy Management), France**
- 11.30 – 12.00  
"Depollution and dismantling costs in application of the European Directive: Situation in Belgium"  
**Fredericq Peigneux, COBEREC, Belgium**
- 12.00 – 12.30  
"Swedish car recycling"  
**Nils Hernborg, BIL Sweden Producer Responsibility, Sweden**
- 12.30 – 13.00  
"Collective collection and recycling of ELV in Austria"  
**Erwin Janda, Öcar Automobilrecycling GmbH, Austria**
- 13.00 – 14.30  
**Lunch**
- Session 5:**  
14.30 – 15.00  
**Session Chairman:** **Fede Karrer, Foundation Auto Recycling, Switzerland**  
"Mechanical recycling of shredder residue at SVZ – Results"  
**Dr. Hans-Joachim Sander, SVZ Schwarze Pumpe GmbH, Germany**
- 15.00 – 15.30  
"Evolution of ELV and polyamide recovery"  
**Primo Penone, Du Pont de Nemours, Italy**
- 15.30 – 16.00  
"End-of-life vehicles recovery and recycling – Polyurethane car components options analysis"  
**Theo Speeleveld, Euro-Moulders, Belgium**
- 16.00 – 16.30  
**Coffee Break**
- 16.30 – 17.30  
**Round Table Discussion**  
**Title:** "Car recycling – what are the market drivers?"  
**Moderator:** **Manfred Beck, Recycling International, Netherlands**

## Friday, 12<sup>th</sup> March 2004

- Session 6:** New recycling technologies II  
**Session Chairman:** Dr. Siegfried Schäper, Audi AG, Germany
- 08.30 – 09.00 "Negotiated performance standard for the removal of mercury switches from end-of-life vehicles – USA"  
**Lynn Rubinstein, Northeast Recycling Council Inc., USA**
- 09.00 – 09.30 "Harmonizing car dismantling, recycling and remanufacturing, enabled by best available technologies and networks"  
**Dr. Martin Hieber, Fraunhofer-Institut IPA, Germany**
- 09.30 – 10.00 "Praxis report about metal separation and two years experience with sensor based metal sorting"  
**Dr. Ulrich Kohaupt, Steinert Elektromagnetbau GmbH, Germany**
- 10.00 – 10.30 Coffee Break**
- 10.30 – 11.00 "Report on the operating trial with automotive shredder residue (ASR)"  
**Dr. Wulf Kaiser, Thermoselect, Switzerland**
- 11.00 – 11.30 "The influence of design choices on the liberation and recycling efficiency of cars"  
**Prof. Markus Reuter, Delft University of Technology, Netherlands**
- 11.30 – 12.00 "How to fulfil the ELV Directive cost effective in thinly populated areas"  
**Peter Domini, Stena Gotthard, Sweden**

## Excursion programs:

- Visit of the shredder recycling plant SIREC, in Ecublens**
- 12.30 Departure by bus to SIREC (lunch in the bus)  
13.30 Visit  
17.00 Arrival at the airport Geneva  
17.30 Arrival at the hotel Intercontinental
- Visit of the Motor Show**
- 12.00 – 13.00 Sandwich lunch in the hotel  
13.00 Departure by bus to the Motor Show

## Networking Dinner

On Wednesday, March 10, a special networking dinner will be organized. For participants, the networking dinner is included in the registration fee. Accompanying persons can register to the networking dinner by means of the registration form.

## Beautiful Geneva

Geneva is situated between the Alps and the Jura Mountains at the very south-west part of Switzerland. It has a very nice temperate climate.

The Canton with its 282 square km, with the lake "Leman" and the river Rhone, presents a marvellous surrounding to its visitors who can enjoy the alpine mountains in the background of the enviroining green countryside.

With its over 30 museums, its numerous art galleries as well as its theatres and its opera where famous international artists perform, Geneva is also an important cultural centre.

[www.geneva-tourism.ch](http://www.geneva-tourism.ch)



## 74<sup>th</sup> Geneva International Motor Show

The 74<sup>th</sup> Geneva International Motor Show will take place from 4<sup>th</sup> to 14<sup>th</sup> March 2004 at Palexpo.

The Geneva Show is the only international motor fair recognised by the OICA (International Organization of Motor Vehicle Manufacturers).

In the year 2003 over 700,000 persons visited the Motor Show. It is the world's greatest forum, so don't miss our excursion to the Motor Show on Friday, 12 March 2004.

[www.salon-auto.ch](http://www.salon-auto.ch)

### Opening hours:

Tuesday, 9 March: 10.00–21.00  
Wednesday, 10 March: 10.00–21.00  
Thursday, 11 March: 10.00–21.00  
**Friday, 12 March: 10.00–21.00**  
Saturday, 13 March: 08.00–18.00  
Sunday, 14 March: 08.00–18.00



## Registration Fees

Registration for the congress should be made by means of the registration form. Participants registering and paying before January 31, 2004 will benefit from a reduced registration fee. The registration fee includes networking dinner and meals.

Congress Fee	before January 31, 2004	after January 31, 2004
Participants	€ 1'250.-	€ 1'350.-
Speakers	€ 750.-	€ 850.-
Students	€ 490.-	€ 540.-
Visit of the International Motor Show	€ 20.-	€ 30.-
Visit of SIREC	€ 20.-	€ 30.-
Networking dinner for accompanying persons	€ 100.-	€ 100.-

All prices excluding VAT of 7,6%

## Additional Proceedings

If it is not possible for you to attend the congress, you can purchase the complete proceedings at EUR 340.-. Participants will get the proceedings free of charge.

## Payment

Payment should be made in EUR by bank transfer or by credit card. Wire payment to:

Bank: Neue Aargauer Bank, 5300 Turgi, Switzerland  
Beneficiary: ICM AG  
Account no.: 447941-72, Swift code: CRESCHZZ 80A in favour of: AHHBCH 22  
IBAN no.: CH73 0588 5044 7941 7200 0  
Clearing: 5885  
Remark: International Automobile Recycling Congress

## Exhibition

A special exhibition will be organized for companies wishing to display their products or advertising materials.

The fee for a typical exhibition stand (1.5 m x 3 m) is EUR 3'000.- for the full time of the conference.

Space is limited, so take your chance now and book your exhibition stand today!