



# 2nd European Congress ERTS

# EMBEDDED REAL TIME SOFTWARE



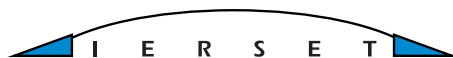
21, 22 & 23 January 2004

Toulouse

Centre de Congrès Pierre Baudis

## PROGRAMME

In partnership with:



INSTITUT EUROPEEN DE RECHERCHE  
SUR LES SYSTEMES ELECTRONIQUES  
POUR LES TRANSPORTS



# WELCOME

This is the second edition of the embedded real time software congress co-organized by the three associations representing Aerospace – AAAF, Information Technology – SEE and Automotive – SIA.

The experience of the first congress held in Toulouse delivers the following exciting results:

- European transportation platform is taking benefits from advanced embedded systems and software
- Embedded real time software is a key technology for differentiation.
- Breakthroughs expected by each industrial field confirm strong interest for a cross sector congress.

This congress will be a unique occasion to exchange on best practices for CMMI implementation, short-term emerging key technologies and tools for improving complexity management and first pass yield in software integration.

thanks to invited keynote speakers and live round tables, we will allow any participant to revisit real facts and figures in open system, software, language and architecture as well as business models linked to function delivery to OEM and system integrators.

We look forward to welcoming you in the historic city of Toulouse to this international event for exciting and warm moments.

Jean-Luc MATE  
Congress President  
SIA / SIEMENS VDO

## ORGANIZING



The Société des Ingénieurs de l'Automobile (the French Society of Automobile Engineers) is a society officially considered as serving the public interest. Its purpose is to represent technical excellence in the automobile industry through its expert and knowledge sharing networks. The SIA draws its members from the ranks of automobile engineers and technicians and all those active in promoting automotive engineering.

SIA has 2,500 members and a network of over 8,000 engineers, technicians and research workers behind it. The SIA has adopted a new stance built on 4 strategic lines: Scientific and technical events, Technology watch, Expert network and Training.

**SIA – 79 rue Jean-Jacques Rousseau – 92158 SURESNES Cedex – France**

**Tel.: +33 1 41 44 93 70 – Fax: +33 1 41 44 93 79 – email: [info@sia.fr](mailto:info@sia.fr) – Web site: [www.sia.fr](http://www.sia.fr)**



The Association Aéronautique et Astronautique de France is the only French society of the aerospace field. AAAF is member of the International Council of Aeronautical Sciences (ICAS), of the international Astronautics Federation (IAF), of the French Mechanics Society (AFM). The first goal of AAAF is to inform all the members about the evolution in their sector of activity and to make public and to promote the work of our members.

The mission of AAAF can be outlined as follows: to bring together members and industrial firms, to create contacts between the members themselves, to be an important source of information, to offer a possibility to the members to express themselves, to represent the members on several national or international societies, to award medals, scroll and so on...

**AAAF – 61 avenue du Château – 78480 VERNEUIL-sur-SEINE – France**

**Tel: +33 1 39 79 75 15 – Fax: +33 1 39 79 75 27 – email: [secrexec@aaaf.asso.fr](mailto:secrexec@aaaf.asso.fr) – Web site: [www.aaaf.asso.fr](http://www.aaaf.asso.fr)**



The SEE (the French Electrical, Electronics, and Information & Communication Technologies Society) is a non profit-making scientific association, directed to the public benefit. The SEE groups its members into 22 Technical Committees and 12 Regional Groups, creating links between them through its Newsletter and website.

The mission of SEE is to promote French science and technology, as well as create within these two fields meeting opportunities for industrialists, research scientists, teachers, students and trainee engineers both from France and abroad.

The SEE thereby organises and co-organises events in its particular fields of competence. These professional national colloquia deal with particular themes and prospects, as well as major international Conferences. Other events include technical visits, evening lectures and training courses.

**SEE – 17 rue Hamelin – 75783 PARIS Cedex 16 – France**

**Tel: +33 1 56 90 37 05 – Fax: +33 1 56 90 37 08 – email: [see@see.asso.fr](mailto:see@see.asso.fr) – Web site: [www.see.asso.fr](http://www.see.asso.fr)**

## PROGRAMME COMMITTEE SUPPORT



The Institut Européen de Recherche sur les Systèmes Electroniques pour les Transports is a research institute working on electronics for transport. Its main mission is to organize and co-ordinate joint research projects involving several industrial companies in the different fields of transport as well as research centres having expertise on electronic systems and technologies. IERSET is located in Toulouse (France) and is a non profit organization. Airbus, Alstom-Transport, Renault, Siemens VDO, Giat-Industries, Alcatel-Space, CNES, SMES and main research organisations are members of this association. IERSET is open to any new partner. Since 1996 IERSET has organized more than 20 cooperative research projects.

**IERSET – 42 avenue du Général de Crouette – 31100 TOULOUSE – France**

**Tel: +33 5 34 63 84 10 – Fax: +33 5 61 40 44 54 – email: [ierset@cict.fr](mailto:ierset@cict.fr) – Web site: [www.ierset.asso.fr](http://www.ierset.asso.fr)**

# COMMITTEES

## PROGRAMME COMMITTEE

Programme Committee Chairman: **Mr LAPRIE Jean-Claude** - LAAS-CNRS

**Mr ANDRE Charles** - I3S  
**Mr ANDRIEU Marc** - JCAE  
**Mr BEHM Patrick** - SIEMENS Transportation  
**Mr BERRY Gérard** - ESTEREL Technologies  
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**Mr HANEBERG Michael** - BMW  
**Mr HENNION Denis** - THALES  
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**Mr LE CALVEZ Gilles** - VALEO  
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**Mr MORENO Christophe** - ALCATEL-SPACE  
**Mr MOTET Gilles** - INSA  
**Mr PELEGRIN Marc** - FEDESPLACE  
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**Mr SOREL Yves** - INRIA  
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**Mr THURNER Thomas** - DAIMLER-CHRYSLER  
**Mr VERNIERES François** - IERSET  
**Mr VRIGNAUD Louis-Claude** - SIA / SIEMENS VDO  
**Mr WATSON Daniel** - AIRBUS France

## ORGANISING COMMITTEE

**Mr CHARLET Marc** - SIA  
**Mr DESTARAC Guy** - AAAF  
**Mrs HUNEAU-STELLA Joëlle** - AAAF  
**Mr MALATERRE Pierre** - SIA / PSA  
**Mr PFRIMMER Daniel** - SIA

**Mrs SEGUIN Christel** - SEE / ONERA  
**Mrs THEVENOD Pascale** - SEE / LAAS-CNRS  
**Mrs TORGUE Alice** - AAAF / ONERA  
**Mr VRIGNAUD Louis-Claude** - SIA / SIEMENS VDO

## PROGRAMME SCHEDULE

### January 21

09:30	Welcome	
10:00	Keynote speech: "Challenges and Research Opportunities for Embedded Systems in the 6th European Framework Program 2003-2006"	
11:00	Panel Session: "Open System Architecture: A Cross Transportation Industry Driver for Embedded Software"	
12:30	Exhibition visit / Lunch	
14:00	Session 1A: Certification	Session 1B: Design Frameworks
15:30	Exhibition visit / Refreshment break	
16:00	Session 2A: Testing	Session 2B: Development for Safety
17:30	Exhibition visit	
18:00	Cocktail - City of Toulouse	

### January 22

09:00	Session 3: Business Models	
10:40	Exhibition visit / Refreshment break	
11:00	Session 4A: Fault Tolerance	Session 4B: Model Driven Approaches
12:30	Exhibition visit / Lunch	
14:00	Session 5A: Hardware & Software Architectures	Session 5B: Object-Oriented Languages and Models
16:00	Exhibition visit / Refreshment break	
16:30	Session 6A: Architectures	Session 6B: Development Process and its Improvement
18:30	Exhibition visit	
19:30	Dinner - Hôtel Dieu St Jacques	

### January 23

09:00	Session 7A: Major Projects	Session 7B: Verification and Validation
11:00	Exhibition visit / Refreshment break	
11:30	Panel session: Synthesis and Prospects	
13:00	Exhibition visit / Lunch	
14:30	Technical Visit: Airbus Facilities	

# PROGRAMME – Wednesday, 21 January

9:00	<b>Participants chek-in</b>	
9:30	<p>Welcome opening speech of ERTS congress 2004  <b>Jean-Luc MATÉ</b> – Siemens VDO - Congress Chairman  <b>Jean-Marc NOZERAN</b> – Siemens VDO Automotive South Europe CEO</p> <p>Opening speech: <b>Martin MALVY</b> – Président du Conseil Régional Midi-Pyrénées  "ERTS a master piece for European cooperation with Midi-Pyrénées region and Toulouse city"</p>	
10:00	<p><b>Keynote speech:</b>  <b>“Challenges and Research Opportunities for Embedded Systems in the 6th European Framework Program 2003-2006”</b>  <b>Alkis KONSTANTELLOS</b> – Deputy Head of Unit – Embedded Systems – IST, Brussels</p>	
11:00	<p><b>Panel session:</b>  <b>“Open System Architecture: A Cross Transportation Industry Driver for Embedded Software”</b>  Moderator: <b>Jean-Claude LAPRIE</b> – LAAS-CNRS</p> <p>Participants :</p> <p>Aircraft: <b>Pierre FROMENT</b> – EADS Airbus – Vice President System Engineering  Automotive: <b>Pr Harald HEINECKE</b> – BMW – Autosar (Automotive Open System ARchitecture) spokesman  Rail: <b>Philippe RENARD</b> – SNCF – Research Director – ERRAC President  Road Transport : <b>Jean-Luc MATE</b> – Siemens VDO – ERTRAC Vice-Chairman  Space : <b>Alain ROSSIGNOL</b> – EADS Astrium – Strategic R&amp;D  Truck: <b>Dr Gernot SPIEGERBERG</b> – Daimler Chrysler – Power Systems  European Commission : <b>Alkis KONSTANTELLOS</b> – Deputy Head of Unit</p>	
12:30	<b>Exhibition visit / Lunch</b>	
	<p><b>Session 1A: Certification</b>  Chairman: <b>Gérard LADIER</b> – Airbus France</p>	<p><b>Session 1B: Design Frameworks</b>  Chairman: <b>Denis HENNION</b> – Thales Avionics</p>
14:00	<p>Towards Product-Based Assurance  <b>Jean SOUYRIS</b>, Famantanantsoa RANDIMBIVOLOLONA  Airbus France</p>	<p>Using AADL for Mission Critical Software Development  <b>Pierre DISSAUX</b> – TNI-Valiosys</p>
14:30	<p>Importance of Certification for Embedded Real-Time Systems  <b>Gilles MOTET</b>, Jean-Pierre SEUMA VIDAL – INSA Toulouse</p>	<p>Improvement of the System Engineering and Use of an Architecture Description Language  <b>Jean-François TILMAN</b> – AXLOG Ingénierie</p>
15:00	<p>Would Certification Become Mandatory in Automotive Engineering?  <b>Didier BLONDIN</b> – AXLOG Ingénierie</p>	<p>Hardware and Software Development Framework for Embedded Automotive Electronics  <b>Piero MORTARA</b> – IXFIN Magneti Marelli Electronic Systems</p>
15:30	<b>Exhibition visit / Refreshment break</b>	
	<p><b>Session 2A: Testing</b>  Chairman: <b>Jacques CAZIN</b> – ONERA</p>	<p><b>Session 2B: Development for Safety</b>  Chairman: <b>Michael HANNEBERG</b> – BMW</p>
16:00	<p>Model Generation Techniques to debug software  <b>Alain FERNANDEZ</b> – ONERA</p>	<p>How Aerospace and Transportation Design Challenges can be addressed from Simulation-based Virtual Prototyping for Distributed Safety Critical Applications  <b>Paolo GIUSTO</b>, Jean-Yves BRUNEL, Eliane FOURGEAU – Cadence Design Systems  Alberto FERRARI – Parades</p>
16:30	<p>Next Generation Testing Tools for Embedded Applications  <b>Alain DEUTSCH</b> – PolySpace Technologies</p>	<p>Code Generation for Safety-Critical Systems  <b>Michael BEINE</b> – dSPACE GmbH  Michael JUNGMANN – MTU Aero Engines GmbH</p>
17:00	<p>Generalised Simulation Environment for Software Testing  <b>Famantanantsoa RANDIMBIVOLOLONA</b>, Philippe LE MEUR – Airbus France  Sébastien LANSIAUX – SOPRA Group</p>	<p>OASIS: A Chain of Development for Safety-Critical Embedded Real-Time Systems  <b>D. CHABROL</b>, V. DAVID, C. AUSSAGUES, S. LOUISE – CEA  G. VIDAL-NAQUET – SUPELEC</p>
18:00	<b>Departure for the City Hall Cocktail</b>	
18:30	<b>Cocktail - City of Toulouse</b>	

Subject to modification

# PROGRAMME – Thursday, 22 January

## Session 3: Business Models

Chairman: **Werner FRÖHLING** – Volvo

9:00	Business Models for Software Components in the Automotive Industry <b>Günter GROMEIER</b> – ETAS SAS	
9:20	Portability as a Key Business Issue <b>Luc BOURGEOIS</b> – Renault	
9:40	The Business Model of Free Software: Legal Myths and Real Benefits <b>Franco GASPERONI</b> – ACT Europe	
10:00	<b>NEW !</b> Panel Discussion on the Business Model Issue	
10:40	<b>Exhibition visit / Refreshment break</b>	
	<b>Session 4A : Fault Tolerance</b> Chairman: <b>Jean ARLAT</b> – LAAS-CNRS	<b>Session 4B: Model Driven Approaches</b> Chairman: <b>Sébastien GERARD</b> – CEA
11:00	Embedded Real-Time Software Techniques to Handle Misfunctioning due to Electromagnetic Fields <b>Stéphane BAFFREAU</b> , Rachid BOUAZIZ, Gilles MOTET – INSA Toulouse	Applying the MDA Approach to Domain Specific Models <b>Olivier WIELAND</b> – Robert Bosch GmbH
11:30	Ariane 5 On Board Software Redundancy Management <b>Philippe MIRAMONT</b> – CNES	Software Model-Based Development for Automotive <b>Florent FEVE</b> , Gérard FOIN, Gilles LE CALVEZ – Valeo
12:00	Software Safety Supervision on-board Spacecraft <b>Jean-Paul BLANQUART</b> , Hervé SCHINDLER – EADS Astrium Maria HERNEK – ESA/ESTEC Jean-Clair PONCET, Nelly STRADY-LECUBIN – Axlog Ingénierie David POWELL, Pascale THEVENOD, Félix INGRAND, Sara FLEURY – LAAS-CNRS	Return of Experience on Model-Driven Engineering <b>Stéphane LELIEVRE</b> , Jean-François POUILLY – CS Consultants
12:30	<b>Exhibition visit / Lunch</b>	
	<b>Session 5A: Hardware &amp; Software Architectures</b> Chairman: <b>Rafael RODRIGUEZ</b> – GTD	<b>Session 5B: Object-Oriented Languages and Models</b> Chairman: <b>Stéphane FREGOSI</b> – Siemens VDO
14:00	FIBEX - An Exchange Format for Networks Based on Field Busses <b>Josef KRAMMER</b> – BMW AG	AJACS: Applying Java to Automotive Control Systems <b>Xavier CORNU</b> – Trialog Dominique CHARNY, Eric CHARTON – PSA Peugeot Citroën
14:30	Real-Time Embedded Software System on a Heterogeneous Digital Signal Processor and RISC Processor Architecture <b>Manfred CHRIST</b> – Texas Instruments	Hard Real-Time Java Virtual Machine for Space Applications <b>Frédéric DELADERRIERE</b> – EADS Astrium
15:00	DIGISAFE XME: A Safe and Highly Available Computer for Railway Applications <b>Pascal LEJEUNE</b> , Françoise DUFOUR, Eric CHENU – Siemens Transportation Systems	C++ Language: Fit for Purpose in Embedded Systems <b>Fergus BOLGER</b> – PRQA Program Research Ltd
15:30	Arian 5-ALF: an HW/SW Architecture Driven Data Handling System Evolution <b>Olivier NOTEBAERT</b> , Thierry PLANCHE – EADS Astrium Arnaud STRANSKY, Vinh-Quy RIBAL – EADS-ST Hans CORIN, Torbjorn HULT – Saab Ericsson Space Georges-Albert BONNEROT – CNES	Object-Oriented Modeling of Embedded Software in the Automotive Environment <b>Michael BENKEL</b> – Aonix
16:00	<b>Exhibition visit / Refreshment break</b>	
	<b>Session 6A: Architectures</b> Chairman: <b>Michel FAUVEAU</b> – CNES	<b>Session 6B : Development Process and its Improvement</b> Chairman: <b>Christophe MORENO</b> – Alcatel Space
16:30	Product Life Management and System Engineering: Airplane Electrical Power Management <b>Olivier FORNER</b> – Dassault Data Systems	Software Configuration Management Checking and Validating the Consistency of Automotive Software Releases <b>Cornelia HEINISCH</b> – STZ Softwaretechnik Volker FEIL, Martin SIMONS – DaimlerChrysler AG
17:00	Reuse Strategy at Siemens VDO Automotive: The EMS 2 Powertrain Platform Architecture <b>Denis CLARAZ</b> , Klaus EPPINGER, Lutz BERENTROTH – Siemens VDO	Tools Collaboration for Deployment of a Requirement Engineering Process <b>Agusti CANALS</b> , Stéphane LELIEVRE – CS Consultants
17:30	Real-Time Execution Control for Autonomous Systems <b>Félix INGRAND</b> , Frédéric PY – LAAS-CNRS Business	Process Improvement and Assessment in the Automotive <b>Marion SPERLE</b> – Siemens AG
18:00	Event Driven Architecture for Hard Real-Time Embedded Systems <b>François BROSSARD</b> – CNES	Use of Open Source in Integrated Modular Avionics for A380 Program <b>Gilles RICHARD</b> , Laurent LAVAL – Thales Avionics
18:30	<b>Exhibition visit</b>	
19:30	<b>Dinner – Hôtel Dieu St Jacques</b>	

# PROGRAMME – Friday, 23 January

<b>Session 7A: Major Projects</b> Chairman: <b>Philippe DAVID</b> – ESA/ESTEC		<b>Session 7B: Verification &amp; Validation</b> Chairman: <b>Patrick BEHM</b> – Siemens Transportation	
9:00	The EAST-ADL: A Joint Effort of the European Automotive Industry to Structure Distributed Automotive Embedded Control Software <b>Ulrich FREUND</b> – ETAS GmbH Henrik LÖNN – Volvo Technology Corporation Evelyne SILVA, Jörn MIGGE – PSA Peugeot-Citroën Matthias WEBER, Mark-Oliver REISER – DaimlerChrysler AG Michael VON DER BEECK – BMW Group Bruno GODARD – Siemens VDO Automotive SAS Denis BUGNOT – Valeo		A Semantics for UML Specification to be validated with AGATHA <b>Céline BIGOT</b> , Alain FAIVRE, Jean-Pierre GALLOIS – CEA Maria Virginia APONTE, Véronique DONZEAU-GOUGE – CNAM-CEDRIC
9:30	VICTORIA: Validation platform for Integration of standardised Components, Technologies and Tools in an Open, Modular and Improved Aircraft electronic system <b>Camille RAGI</b> – Thales Avionics		An Experimentation of Real-Time Software Validation Technique with Timed Observers <b>Philippe DHAUSSY</b> , Jean-Charles ROGER – ENSIETA
10:00	The COTRE Project: How to model and verify Real Time Architecture? <b>Patrick FARAIL</b> , Pierre GAUFILLET – Airbus France J-M. FARINES – DAS-UFSC J-L. LAMBERT, P DISSAUX, H. HAFIDI – TNI-Valiosys P MICHEL – ONERA-DTIM M. FILALI, J-P BODEVEIX – IRIT F. VERNADAT, B. BERTHOMIEU – LAAS-CNRS		Validating Avionics Protocols - Methodology and Tools for A380 Program <b>Stéphane GAUDHION</b> – Atos Origin Phillippe LE MEUR – Airbus France
10:30	Embedded Systems: Challenges and Work Directions for Europe (results from the ARTIST initiative) <b>Bruno BOUYSSOUNOUSE</b> – Verimag		Verifying non-Functional Real-Time Properties by Static Analysis <b>Christian FERDINAND</b> – Absint Angewandte Informatik GmbH Jean SOUYRIS – Airbus France
11:00	<b>Exhibition visit / Refreshment break</b>		
11:30	<b>Closing session: Synthesis and Prospects</b> <b>Jean-Luc MATE</b> – Siemens VDO		
12:30	<b>Exhibition visit / Lunch</b>		
14:30	<b>TECHNICAL VISIT: Airbus Facilities</b>		

Subject to modification

## EVENING PROGRAMS (Included in Registration fees)

Wednesday 21 at 18:30

Cocktail in the City Hall of Toulouse – Salle des Illustres – Place du Capitole

Thursday 22 at 19:30

Gala Dinner in the Hôtel Dieu St Jacques



City Hall - Place du Capitole - Toulouse

# GENERAL INFORMATION

## EXHIBITION

This unique European cross sector event on Embedded Software (Information Technology / Aeronautic / Automotive) will bring together more than 200 European attendees: directors, managers, department leaders, engineers, researchers and technicians. Representatives from universities and research centres, as well as journalists, will also participate. An exceptional line-up of guests and speakers will be present for the occasion.

The exhibition will allow you to inform the participants, to present your innovations and to create privileged contacts within this unique gathering of target decision-makers.

The Exhibition area is adjacent to the conference area. Attendees will be able to visit stands during the symposium. Breaks, lunches and a convivial cocktail will be held in the exhibition hall.

Stands can already be reserved. This offer is limited and it is highly recommended to book your place as early as possible.

**6 m<sup>2</sup> STAND + conference registration for 1 people: 2200 € free of VAT.**  
**9 m<sup>2</sup> fitted-out STAND + conference registration for 2 people: 3200 € free of VAT.**

**Your contact:**

**Joëlle HUNEAU-STELLA - AAAF TOULOUSE**

**23 avenue Edouard Belin - 31400 TOULOUSE - France**

**Tel: +33 (0)5 62 17 52 80 - Fax: +33 (0)5 62 17 52 81 - email: [aaafflse@aol.com](mailto:aaafflse@aol.com)**

## ADVERTISING

Don't miss the opportunity to advertise in the Book of Abstracts and CD of proceedings of the congress, an access to the leading decision makers in European Industry.

**Your contact:**

**Marc CHARLET - SIA**

**79 rue Jean-Jacques Rousseau - 92158 SURESNES Cedex - France**

**Tel: +33 (0)1 41 44 93 75 - Fax: +33 (0)1 41 44 93 79 - email: [marc.charlet@sia.fr](mailto:marc.charlet@sia.fr)**

## HOTEL ACCOMMODATIONS

See the hotels booking form enclosed

**Your contact:**

**Marina GIMALAC - VOYAGES 31**

**17 avenue des Etats Unis - 31200 TOULOUSE - France**

**Tel: +33 (0)5 62 72 97 34 or +33(0)5 62 72 97 39 - Fax: +33(0)5 62 72 97 30**

**email: [marina@voyages31.com](mailto:marina@voyages31.com)**

## OFFICIAL LANGUAGE

The conferences will be held in English only.

Book of Abstracts and Proceedings will all be written in English.

## TECHNICAL VISIT (Optional)

Friday 23 PM: Visit of Airbus facilities

Visit to the Clément Ader factory, a veritable cathedral of technology devoted to the assembly of the Airbus A330-A340-500/600 and very soon the Airbus A380. One and a half hour discovery tour of the whole complex in a bus. Inside, an observation tower offers you a bird's eye view of the Airbus assembly line.

**Price: 15€**



*Pont Neuf - Toulouse*

# ACCESS

## CENTRE DE CONGRES PIERRE BAUDIS

Place:  
CENTRE DE CONGRES PIERRE BAUDIS  
11, esplanade Compans Caffarelli  
31000 Toulouse - France

Tel: +33 (0)5 62 30 40 40  
Fax: +33 (0)5 62 30 41 41  
[www.centre-congres-toulouse.fr](http://www.centre-congres-toulouse.fr)



By Plane:  
Toulouse Blagnac Airport

By Train:  
SNCF - Gare Matabiau

By Car:  
Motorways A61, A62, A64 or A68

For further information  
on Toulouse and  
Midi Pyénées Region:

<http://www.ot-toulouse.com>  
<http://www.mairie-toulouse.fr>



# REGISTRATION FORM

## 2nd European Congress ERTS

21-23 January 2004 – Toulouse

**To be sent back to**  
**Joëlle HUNEAU-STELLA - AAAF Toulouse**  
**23 Av Edouard Belin - 31400 Toulouse - France**  
**Fax: +33 (0)5 62 17 52 81**

• **Tick as appropriate:**

- 660 €** (free of VAT) SIA, AAAF or SEE Members #: \_\_\_\_\_
- 720 €** (free of VAT) Non Members
- 480 €** (free of VAT) Speakers, Session Chairmen and Non Profit Organisations
- 180 €** (free of VAT) Retired and students

NAME: \_\_\_\_\_ First Name: \_\_\_\_\_

Company: \_\_\_\_\_ Department: \_\_\_\_\_

Position: \_\_\_\_\_

Address: \_\_\_\_\_

Post Code: \_\_\_\_\_ Town: \_\_\_\_\_ Country: \_\_\_\_\_

Tel: \_\_\_\_\_ Fax: \_\_\_\_\_

Email: \_\_\_\_\_

- I wish to participate in the dinner** (Included in the registration fees) *subject to a minimum number*
- I wish to participate in the optional** Technical Visit of Airbus facilities (15 €)

Preferential rates:

- 10% discount for more than 5 registrations  
20% discount for more than 10 registrations  
30% discount for more than 20 registrations

• **Payment, enclosed the amount of:** \_\_\_\_\_ € (free of VAT)

**Payment by cheque to:** AAAF Toulouse

**Payment by bank transfer:** IBAN: FR-83-20041-01018-0051866T037-87

**Payment by credit card:**

I undersigned Mr \_\_\_\_\_

Authorize AAAF to charge on the amount of \_\_\_\_\_ € on my credit card # \_\_\_\_\_

American Express       Diners       Visa       Eurocard Mastercard

Expiry date: \_\_\_\_\_ (MM/YYYY)

• Date, place and signature:

• Company stamp:

### REGISTRATION CONDITIONS

- Where it is not possible to send the payment together with the form, each registration should be accompanied by an official purchase order. Failing reception of an official purchase order or payment on the day of the symposium, we regret that you will not be allowed entry to the symposium.
- When we have received the registration form, we will send you an invoice. Please indicate the accounts department address if necessary.
- Registration fees include participation in the conference, a copy of the proceedings and/or CD-Rom of the papers available, Refreshment breaks, lunches and the dinner.
- In case of cancellation before January 7, 2004, 30% of the registration fees will be retained by the organisation. After this date, all registration fees will be retained. Registered participants who are not able to attend may nominate a substitute.



# HOTELS BOOKING

## 2nd European Congress ERTS

21-23 January 2004 – Toulouse

Price per room per night, breakfast included,  
shuttle service hotel / Convention Center / hotel included

HOTELS	SINGLE ROOM PER NIGHT	DOUBLE OR TWIN ROOM PER NIGHT
	WITH BREAKFAST	WITH BREAKFAST
HOTEL 4* City Center	245 €	270 €
HOTEL 4* City Center	185 €	200 €
HOTEL 3* « chain » City Center	91 €	104 €
HOTEL 3* City Center	80 €	93 €
HOTEL 2* « chain » City Center	73 €	86 €
HOTEL 2* City Center	60 €	73 €

*Without shuttle service*

HOTEL 3* « chain » (Near the Convention Center)	114,5 €	129 €
HOTEL 3* (Near the Convention Center)	88 €	96 €

**(A shuttle service hotel / Convention Center has been arranged. Departure times will be posted in hotels).**

Add agency fee: 10 € per reservation.

**Return your reservation before 1er December 2004: Marina GIMALAC - VOYAGES 31**  
**17 avenue des Etats Unis - 31200 TOULOUSE**  
**Phone: +33 (0)5.62.72.97.34. or +33 (0)5.62.72.97.39 - Fax: +33 (0)5.62.72.97.30**  
**Email: marina@voyages31.com**

Last Name \_\_\_\_\_ First Name \_\_\_\_\_

Address \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Accompanied by \_\_\_\_\_

**Accommodation:**  21 January  22 January

Room type:  1 person  2 persons

Arrival date: \_\_\_\_\_ Departure date \_\_\_\_\_ = \_\_\_\_\_ nights

Number of nights: \_\_\_\_\_ X Price per room \_\_\_\_\_ = \_\_\_\_\_ € + 10 € agency fee = \_\_\_\_\_

### Form of payment :

By check payable in euros to "VOYAGES 31"

By Visa or Mastercard

N° \_\_\_\_\_ valid until \_\_\_\_\_

Upon receipt of payment, an acquitted invoice will be send to you with your voucher

**Your signature:**

### Cancellation :

- Cancellation between D - 60 to D - 30: 16 €. Fee per person
- Cancellation between D - 29 to D - 1: first night fee
- Cancellation on arrival day: no refund