

CONFERENCE LOCATION :

27, rue Leblanc
75015 Paris - France
SAGEM Conference Center

LANGUAGE :

Papers will be presented in English

SECRETARIAT :

3AF – 6, rue Galilée
75016 Paris – France
Phone : 33 (0)1 56 64 12 30
Fax : 33 (0)1 56 64 12 31
E-mail : secrexec@aaaf.asso.fr
Web : www.aaaf.asso.fr

This program may be subject to modifications.
Additional abstracts can be taken into consideration and papers added to this program.
If you wish to submit a proposal, your abstract (in English) should not exceed 400 words and will have to be sent to the Conference Secretariat before September 15, 2009.

23RD COLLOQUIUM MATERIALS FOR AEROSPACE & AERONAUTICAL APPLICATIONS



FIRST ANNOUNCEMENT DECEMBER 7-8, 2009 – PARIS

PROGRAMME COMMITTEE MEMBERS

Chairman : Jean-Yves GUEDOU, Snecma

Daniel ALIAGA, EADS IW	Shigehisa NAKA, ONERA
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Georges DESARMOT, ONERA	André ROUQUET, Dassault Aviation
Tassaduq KHAN, ONERA	Hubert SCHAFF, Aubert & Duval
Alain LASALMONIE, Snecma	Gilles SURDON, Dassault Aviation

SCOPE OF THE COLLOQUIUM AND CONTENT

This meeting organized every two years by the “Materials Committee” of the “Association Aéronautique et Astronautique de France” (3AF) intends to promote discussions between the Academic World, the Aerospace and Aeronautical Industry and the main Materials Suppliers.

The 2009 meeting will be devoted to presentations and discussions on the following topics:

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|-------------------------------------|---------------------------------------|
| 1. Materials and Environment Impact | 3. Innovative Processes |
| 2. Advanced Materials | 4. Processes Simulating and Modelling |

The technical presentations, given by specialists, will be followed by roundtables opening the opportunity of interesting exchanges between all participants.

PRELIMINARY PROGRAMME

MONDAY DECEMBER 7, 2009

Session 1 - MATERIALS AND ENVIRONMENT IMPACT

- Manufacturing processes and Environment
- Coatings and Environment
- Recycling

Session 2 - ADVANCED MATERIALS

- Alloys and metallic matrix composites
- Refractory intermetallics
- Materials for very high temperatures :
ceramics, thermal composites
- Adaptative materials

TUESDAY DECEMBER 8, 2009

Session 3 - INNOVATIVE PROCESSES

- Laser processes , spark plasma sintering...
- FRP bondings
- Composites assembly...

Session 4 - PROCESSES SIMULATING AND MODELLING

- Casting , forging , sheet forming...
- Injection, fibres arrangement, curing...