

SAMPE

Europe



35th International Technical Conference & Forum
March 10th – 11th 2014

Low Cost Composite Processing, from Aerospace OOA to Automotive Thermoplastic

**SEICO 14 – 2 DAYS CONFERENCE & FORUM
WITH KEY-NOTES, PLENARY- & PARALLEL-SESSIONS
POSTER EXHIBITION OF STUDENT'S CONFERENCE**



Porsche 918 Spider –
CFRP Chassis structure
By Courtesy of PORSCHE AG

By courtesy of the BOEING Company:
COAD manufacturing demonstrator

SEICO 14: PRELIMINARY PROGRAMME & REGISTRATION FORM

Internet: www.sampe-europe.org
Email: sebo@sampe-europe.org

SAMPE EUROPE 35th. International Conference SEICO 14 Paris

At a Glance

SUNDAY, March 19th: Registration 17.00 – 18.30 h
Welcome-Reception 18.30 – 20.00 h
 (please refer to last page)

MONDAY, March 10th.

08.00 – 16.30 h Registration Sessions
 09.00 – 18.00 h

09.00 – 10.00 h Opening & Key Note 01

Opening SEICO 14, P. Ermanni
 President SAMPE Europe

Key-Note 01: Taking the Pressure Off: Out-of-Autoclave Composite Prepreg: Past and Future
 Speaker: Gary G. Bond, The BOEING Company

10.00 – 10.30 h Coffee Break

10.30 – 12.30 h Session 1

Plenary Session 1 - AEROSPACE
 B. Beral

P 41 Overview of NASA's Space Technology Mission and Game Changing Innovation within the Advanced Manufacturing Technology Portfolio

Speaker: L. Tate, NASA Washington, D.C.

P 35a An alternative OOA for stiffened curved panels (BAHIA)

Speaker: L.R. Garcia, AIRBUS MILITARY

P 17 Innovative manufacturing process shooting For CFRP Monolithic Sandwich Construction

Speaker: K. Takeyuki, MITSUBISHI H.I.

P 46 Innovation for M&P bridging the gap between quick wins and disruptive approaches
 Speaker: C. Rückert, AIRBUS Germany.

12.30 – 13.30 h Lunch

13.30 – 15.30 h Session 2A

A. Lagrana

AEROSPACE 2
 P 21, 14, 36, 18, 49, 50

15.30 – 16.00 h

16.00 – 18.00 h Session 3A

J. Vuorinen

NEW MATERIALS
 P 02, 22, 24, 29, 31, 47

19.30 – 22.30 h SEICO 14 CONFERENCE DINNER & Students Award Remittance Hotel MERCURE

13.30 – 15.30 h Session 2B

A. Mills

MANUFACTURING
 P 04, 05, 23, 28, 30

15.30 – 16.00 h

16.00 – 18.00 h Session 3B

F. Collombet

REPAIR
 P 51, 52, 53, 54, 55

19.30 – 22.30 h SEICO 14 CONFERENCE DINNER & Students Award Remittance Hotel MERCURE

10.30 – 12.30 h Session 5A

A. Platz

AUTOMOTIVE
 P 07, 20, 26, 27, 44

12.30 – 13.30 h

13.30 – 15.30 h Session 5A

A. Offinga

THERMOPLAST
 P 03, 19, 43, 45

15.30 – 16.00 h

16.00 – 18.00 h Session 6A

A. Kwakernaak

THERMOPLAST 2
 P 40, 13, 15, 25, 49

Key-Note 02: Next Challenge in CFRTP for Mass Production Automotive
 Speaker: Prof. J. Takahashi, University of Tokyo Student's Conference

10.00 – 10.30 h Coffee Break

10.30 – 12.30 h Session 5B

J. Kenny

NANO COMPOSITES
 P 32, 33, 38, 39

Lunch

13.30 – 15.30 h Session 5B

R. Akkerman

DESIGN, MODELING & TESTING
 P 06, 08, 09, 16, 48

Coffee Break

16.00 – 18.00 h Session 6B

L. Torre

HIVO COMPOSITES
 P 37, 10, 11, 12, 34

18.00 – 18.10 h Closing SEICO 14
 Session Room 6A President SAMPE Europe

35th. SAMPE Europe International
Conference SEICO 14 Paris Hotel MERCURE
Paris Porte de Versailles EXPO, Vanves
(Paris) March 10th. – March 11th. 2014 – in
conjunction with JEC Composite Show &
Conferences held at PARIS EXPO, Port de
Versailles



Dear Attendee and dear SAMPE Member,

SAMPE Europe will be very pleased to welcome you to attend the 35th. International Conference SEICO 14, to be organized at the Hotel MERCURE Paris Porte de Versailles EXPO, Vanves, which is located in walking distance (10 minutes) to the Paris EXPO Porte de Versailles where the JEC Composites Show & Conferences will be held from March 11th. – March 13th. who expected to attract more than 25000 visitors from the entire world.

SEICO 14 will be organized as a two days International Conference presenting two attractive Keynote addresses, one Aerospace and one Automotive oriented. For those two industry segments two special sessions each (session 1 and session 6) have been organized to provide to all attendees of SEICO 14 the latest attractive results from the related R&D, testing and industrialized application. The overall concept of SEICO 14 will provide in addition to the two keynotes – one Plenary Session on Aerospace – and 10 parallel sessions presenting in total > 50 state-of-the-art papers which have been selected with high dedication to guarantee a high attractiveness and good quality. All papers to be presented at SEICO 14 will be documented in the SEICO 14 Proceedings which will be remitted to each registered conference attendee.

With regard of the JEC Composites Show which will open its doors as from March 11th. at the EXPO Complex Paris Porte de Versailles, SAMPE Europe provides on that date a Free-Shuttle-Bus-Service operating from Hotel MERCURE to Porte de Versailles EXPO Complex from 08.00h – 18.00h proposing 4 departures per hour for each direction.

In the Preliminary Programme you will find the registration form which proposes a special pre-registration rate applicable up to January 31st. 2014. Despite price increases of the French VAT which has an impact for renting the infrastructures for the conference and for the catering, SAMPE Europe is proud to propose your SEICO 14 registration fee on the same level as those applied for SEICO Conference of previous years .

The SAMPE Europe community welcomes you to attend SEICO 14 and will be pleased to be your host at the Welcome-Reception on Sunday evening March 09th. 2014, as from 18.30h at Hotel MERCURE – and at the SEICO 14 Conference Dinner, set up on Monday evening, March 10th. 2014, again at Hotel MERCURE as from 19.30h pm.

Paolo Ermanni, President SAMPE Europe

**SAMPE Europe is pleased to welcome you in Paris to attend on
March 10th – 11th, 2014 the**

**35th. SEICO 14 International Conference and to visit
the 49th. JEC Composite Exhibition at the Paris Porte
de Versailles Exhibition Complex.**

The Preliminary Programme got defined on available data as per status December 8th 2013 which may become adapted at a later date for the publication of the Final Programme.

The Preliminary Programme will be published on the web-site of SAMPE Europe, SAMPE Japan, SAMPE China and SAMPE Global – under www.sampe-europe.org respectively www.sampe.org

Sunday, March 09th, 2014

**16.00 – 18.15 h
18.30 – 20.00 h**

**Registration
Welcome Reception
Hotel MERCURE Paris
Porte de Versailles, Vanves**

Monday, March 10th, 2014

**08.00 – 16.30 h
09.00 – 18.00 h**

**Registration
Sessions**

09.00 – 09.10 h

Opening SEICO 14

Paolo Ermann, President SAMPE Europe

09.10 – 10.00 h

Keynote Lecture 1: AEROSPACE:

Session Chairman: L. Cohen,

*Taking the Pressure Off: Out-of-Autoclave Composite Prepreg Past, and Future
Speaker: Gary G. Bond, The Boeing Company, St. Louis, MO*



10.00 – 10.30 h

Coffee Break

10.30 – 12.30 h

Plenary Session 1 – Aerospace

Session-Chairmen: B. Beral

P 41 Overview of NASA's Space Technology Mission and Game Changing Innovation within the Advanced Manufacturing Technology Portfolio

Speaker: Lanetra Tate, NASA Headquarter, Washington CD 20546

P 35 An alternative OOA for stiffened curved panels (BAHIA)

Speaker: Luis Rubio Garcia, AIRBUS MILITARY, El Puerto de Santa Maria (Cadiz) Spain

P 17 Efficient CFRP monolithic Sandwich Construction

Speaker: K. Takayuki, MITSUBISHI Heavy Industries, Nagasaki 58-0932, Japan

P 46 Innovation for M & P, bridging the gap between quick wins and disruptive approaches

Speaker: C. Rückert, AIRBUS Germany, D-28359 Bremen

12.30 – 13.30 h

Lunch

Monday, March 10th. 2014

08.00 – 16.30 h

09.00 – 18.00 h

13.30 – 15.30 h

Session 2A AEROSPACE II

Chairman: A. Lagrana

- P 21** Rheological, dielectric & morphological properties of Qualification strategy for thin-ply Composites in aerospace applications Speaker: D. Gizik, EADS Innovation Works D-81663 Munich, Germany
Speaker: S. Sterk, National Aerospace Laboratory, NL-89316 Marknesse
- P 14** Low Cost automated Manufacturing of an A320 Slat Fairing Speaker: S. Sterk, National Aerospace Laboratory, NL-89316 Marknesse
- P 36** COMPipe – A New Paradigm for Aero-Engine's dressing Speaker: J.A. Gonzales-Vecino TWI Ltd., Granta Park GB-CB21 6AL Great Abington
- P 18** Performance assessments on unidirectional braided CFRP materials Speaker: C. Metzner, EADS Innovation Works Composite Technologies, D-81663 Munich
- P 50** OOA (ou-of-autoclave) manufacturing of Benzoxazine resin-system by LRI (liquid- resin-infusion) for Ambient and High Temperature Aerospace Applications Speaker: A. Comer, Irish Centre for Composite Research (IComp) University of Limerick Limerick, Ireland

Registration Sessions

Session 2

Session 2B MANUFACTURING

Chairman: A. Mills

- P 04** A Process Estimator for the RTM Process Speaker: B. Eck, Ecole Centrale de Nantes F-44321 Nantes Cedex 3
- P 23** Smart Composite Tubes – Series Production of 3D curved hollow CFRP-Tubes Speaker: C. Schillfahrt, Montanuniversität Leoben, Processing of Composites A – 8700 Leoben
- P 51** Robot Milling for automated Repair Process of Composite Structures-Working and Experiences of EADS-IW Speaker: C. Thum, EADS Germany D-81663 Ottobrunn
- P 28** Analysis of the Cost efficiency of automated Fiber Placement based on an extensive process breakdown Speaker: R. Engelhardt, Technical University Munich Faculty Mechanical Engineering, D-85748 Garching
- P 30** Online Tow Spreading in the Braiding Process and its effects Speaker: M. Mitwalsky, Technical University Munich, Mechanical Engineering Dept., D-85748 Garching

Exhibition

Posters Student's Conference Exhibition

15.30 – 16.00 h

16.00 – 18.00 h

Session 3A: NEW MATERIALS

Chairman: J. Vuorinen

- P 22** Ductile steel fibre composites: Opportunities and Challenges Speaker: M. Callens, KU Leuven Dept. Metallurgy & Material Engineering D – 3001 Leuven
- P 24** Advances in Glass Fiber Properties and their application in Wind Industry Speaker: G. Adolphs, Owenscorning Speaker: B. Rohde, Kassel University
- P 29** Development of Composite Material With Chain Curew Polymedr Speaker: H. Hattori, MISUBISHI Heavy Industries Ltd., Composite Laboratory Minato-ku, NAGOYA 455-8515, Japan
- P 31** Developing Gluten Polymer and Composite Materials for high mechanical Performance Speaker: N. Vo Hong, KU Leuven, B-3001
- P 47** Advances in Press Forming of High Performance Thermoplastic Composites Speaker: S. Hooning, DTC, NL-1332 AT Almere Schenectady, NY 12305
- P 02** Post-production characterization of the Glass fibre reinforced skins of a 3D-formable Polyurethane Sandwich Panel Speaker: B. Buffel, KU Leuven University B - Heverlee

Coffee Break

Session 3

Session 3B: REPAIR 2

Chairman: F. Collombet

- P 51** Evaluation of Repair Methods and limit Extension of CFRP Parts Speaker: S. Mau, LUFTHANSA Technik AG, D - Hamburg
- P 52** Single Seater Monocoque Repair Speaker: B. Decoster, MYGALE F – Magny-Cours
- P 53** Multi-Level Evaluation of boded repairs for Composite Assembly Speaker: A. Cerisier, Clement Ader Institute, F - Toulouse
- P 54** Examining MRO Trends in Advanced Material Repair Speaker: J. Kornberg, AIR FRANCE Industries F- Aéroport Le Bourget, Paris
- F 55** Large Repairs ? Added value of Composites for this strategic challenge Speaker: H-Y. Grunevald, Composites Expertise & Solutions SaRL., F- 31320 Castanet Tolosan

Exhibition

Posters Student's Conference

19.30 – 22.30 h

**SEICO 14 CONFERENCE DINNER HOTEL MERCURE
Students' Conference: Award Remittance**

Tuesday, March 11th, 2014

08.00 – 16.30 h

08.30 – 18.10 h

**Registrations
Sessions**

09.00 – 10.00 h

Keynote Lecture 2: Automotive

Next Challenge in CFRTP for Mass Production Automotive

**Speaker: Prof. J. Takahashi, University of Tokyo, Dept. of
Systems Innovation, 113-8656 Tokyo**



10.00 – 10.30 h

Coffee Break

10.30 – 12.30 h

Session 4

Session 4A: AUTOMOTIVE

Session 4B: NANO COMPOSITES

Exhibition

Chairman: A. Plath

Chairman: J. Kenny

**Posters Student's
Conference**

P 07 07 Structural Integrity of Carbon Fiber Reinforced Polypropylene after Lightning Strike Speaker: S. Yamashita, University of Tokyo, Dept. Systems Innovation, Tokyo

P 20 Preparation of recycled Carbon Fiber Reinforced Thermoplastics made by Card Web Speaker: H. Wei, University of Tokyo, Dept. Systems Innovation, 113-8656 Tokyo

P 26 Highly efficient production and Characterization of CFRP made from Recycled Carbon Fibers Speaker: T. Harbers, Technical University Munich, D-85748 Garching

P 27 Braiding Prepreg an option to Shorten Production Chain Speaker: F. Rapp, BMW AG D-84030 Landshut

P 44 Carbon Fiber-Reinforced Thermo-Plastic Hybrid Composites – New Material Concepts and Pcess-Technologies for a Lightweight Battery Carrier Speaker: O. Träger, D-38440 Wolfsburg Volkswagen AG

P 32 Reinforcement of Engineering Polymers for Aerospace Application: Development of high performance Epoxy Polymer Nanocomposites using novel 1-, 2- and 3-dimensional inorganic Nanofillers Speaker: K. Triantafyllidis, Aristotle University GR-54124 Thessaloniki

P 33 Flexural, Fracture Toughness Properties and Degassing Optimization of Epoxy-Clay Nanocomposites Speaker: Y. Ali, King Fahd University, Dhahran, Saudi Arabia

P 38 Influence of rheological properties CNT-Epoxy composition on the mechanical properties of Composite Materials Speaker: G. Vaganov, Tampere University of Technology, FI-33101 Tampere

P 39 Effect of ultra-sonication time on the grafting of Epoxy functional groups on MWCNT and influence on rheological and mechanical properties Speaker: A. Santha Kumar, Tampere University of Technology, FI – 33101 Tampere

12.30 – 13.30 h

Lunch

13.30 – 15.30 h

Session 5

Session 5A: THERMOPLAST 1

Session 5B: AUTOMATION

Exhibition

Chairman: A. Offringa

Chairman: R. Akkerman

**Posters Student's
Conference**

P 03 Laser transmission welding of Thermoplastic Composite Structures Speaker: P. Hansen, Element Materials Technology, Hitchin SG4 0TW, UK

P 19 Laser assisted winding of Thermo Plastic based Composite for future Launcher applications Speaker: M. Krzeminski, ASTRIUM Space Transportation, F-33165 Saint-Médard

P 43 A new approach to improved control of Thermoplastic Composite Induction Welding Speaker: C. Worrall, TWI LTD., Cambridge, UK

P 45 Application of induction welding to the fabrication and testing of a stiffened Composite Panel Speaker: S. Pappada, Consorzio CETMA I – 72100 Brindisi

P 06 Carbon Fiber Laminate with MTM46 Resin System: Resistance against fatigue delamination under Mode I and Mode II loading Speaker: P. Czarnocki, Institute of Aeronautics & Applied Mechanics, Warszawa, PL

P 08 Limits in the determination of mechanical properties of Composites by off-axis tests Speaker: C. Marotzke, BAM- Federal Institute of Materials Research & Testing, D-11205 Berlin

P 09 Numerical Estimation of Permeability Tensor Components of Textile Preforms Speaker: F.K. Sntonov, Skolkovo Institute of Science & Technology, RU-143025 Skolkovo Russia

P 16 Implementation and validation of a new anisotropic constitutive model for Thermoplastic prepregs in LS-DYNA Speaker: C. Liebold, DYNAMore GmbH, D-70565 Stuttgart

P 48 Multi-Scale Modeling of Overmolded Fiber Reinforced Parts Speaker: B. Bidaine, e-Xstream Engineering B-1435 Mont-Saint-Guibert

15.30 – 16.00 h

Coffee Break

16.00 – 18.00 h

Session 6

Session 6A THERMOPLAST 2

Session 6B HIVO COMPISITES

Exhibition

Chairman: A. Kwakernaak

Chairman: L. Torre

P 40 Fifteen years of welding of Thermo-Plastic Composites at TU Delft Speaker: Irene Villegas, Delft University Of Technology, NL – 2629 Delft

P 13 Thermal effect in thermo-stamping Speaker: K. Le Meur, Cogit Composites F – 18000 Bourges

P 15 Thermal Deformation caused by Residual stress in Short Fiber reinforced Thermoplastics Speaker: Y. Wan, University of Tokyo Dept. Systems Innovation, Tokyo

P 25 Induction welding of Thermoplastic Composites: Effects of processing parameters on weld quality Speaker: P.G. O'shaughnessey, Ecole de Technologie Supérieure, Montréal H3C 1K3 Québec, Canada

P 49 Influence of Weaving Structure and Hybridization on the Low Velocity Impact of woven Carbon-Epoxy Composites Speaker: M. Karahan, Uludag University Vocational School of Technical Science, Görükle-Bursa, Turkey

P 37 Advanced materials enabling high-volume road transport application of lightweight structural composite parts Speaker: I. Verpoest, KU Leuven University B-3001 Heverlee

P 10 Introducing nanostructured Polyurethanes in high volume applications Speaker: L.M. Chiacchiarelli, University of Perugia I – 05100 Terni

P 11 A Novel Polyurethane System for high volume manufacture of Structural Composites Speaker: J. Hobdell, Huntsman Polyurethanes, B-3078 Everberg

P 12 Tough Carbon Fibre Composites by hybridisation with self-reinforced composites Speaker: Y. Swolfs, KU Leuven University B-3001 Heverlee

P 34 Novel Polyurethane system kinetic modeling and model integration in simulation tools Speaker : P. Marquette, ESI-Group F-33702 Merignac

Posters of the Student's Conference

18.00 – 18.10 h

CLOSING SEICO 13 Session Room 6A

P. Ermanni, President SAMPE Europe



Visitors to JEC Europe Composite I4 Show & SAMPE Europe Conference can apply for getting discounts on AIRFRANCE / KLM flights to and from Paris during the travel period of March 6th. to March 18th. 2014. The reduction will be -10% of published non-restrictive public fares. A reduction of – 5% is granted on restrictive-discounted fares.

Use the website for making the booking of your ticket under the following address:

<http://www.airfrance.fr/FR/fr/local/www.airfranceklm-globalmeetings.com.htm?eid=20544AF>

to access – the preferential fares granted for JEC Europe Composite I4 Show

- make your online reservation
- issue your electronic ticket*
- select your seat**
- print your boarding card **
- (*) not available in certain countries - - (**) subject to conditions

If you buy your ticket via Air France & KLM Global Meetings website, your electronic ticket will carry a special mention which justifies the application of the preferential fares.

Should you prefer to process your reservations and ticket-purchase directly with an Air France and KLM sales outlet, you must keep this current document which serves to justify the application of the preferential airfares :

Event: JEC EUROPE 2014
Event ID: 20544 AF
Validity : Flights from March 06th. – March 18th. 2014
Event location: Pavillion I – Parc des Exposition de la Porte de Versailles
I, Place de la Porte de Versailles, F- 75015 PARIS

To locate the nearest Air France and KLM sales point, visit www.airfrance.com

You will need to quote the reference given above which is registered in Air France and KLM date under: [airfranceklm-globalmeetings](http://www.airfranceklm-globalmeetings.com)

Frequent flyer / loyalty programs of Air France and KLM partner airlines are credited with “miles” when Air France and KLM flights are used.



Book your hotel
accomodation online!!

a.t.i., centrale de réservation hôtelière officielle du salon JEC 14 et SEICO 14, a le plaisir de vous proposer des tarifs négociés pour vos réservations hôtelières – avec de Hôtels proche de la Porte de Versailles mais également au centre de Paris.

Ainsi que toute information pratique vous permettant d'organiser au mieux votre séjour.

a.t.i., official central booking office for JEC 14 and SEICO 14 is pleased to propose you negotiated rates for your hotel booking – with Hotels situated nearby to the Porte de Versailles EXPO Complex and for Hotels in the centre of Paris together with any practical information that allows you to organize your stay.

Nous vous invitons de contacter :

Please contact :

E-Mail: jec2014@atibooking.com

<http://www.atibooking.com/newati/publicnew/pagelistehotelsmanif.php?IDEVENT=515>

Tel. + 33 (0) 1 40 54 64 00

Mailing adress

a.t.i

8, Rue de la Terrasse

F – 75017 PARIS

**SAMPE Europe 35th. SEICO 14 International Conference
Conference Dinner and Students' Award Remittance
March 10th. 2014 19.30–22.30h, Hotel MERCURE**

On Monday evening, March 10th. 2014, during the SEICO 14 Dinner, to be held at the Hotel MERCURE, Vanves, the Students' Conference Awards SEICO 14 will be remitted. The Dinner starts at 19.30h pm with the Aperitif and followed by the Dinner which will be closed by 22.30h pm.



Your conference registration Badge serves as access justification

**SEICO 14 Welcome-Reception on Sunday, March 09th. Hotel MERCURE,
18.30 – 20.00h pm**

All early arrived Conference Attendees are kindly invited to attend the Welcome-Reception to be organized in the Atrium next to the Conference Rooms of Hotel MERCURE. There will be "Finger-Food" and Drinks served as from 18.30h – 20.00h pm.

SEICO 14 Conference Dinner, Monday March 10th. – 19.30 – 22.30h, Hotel MERCURE

Your conference registration badge serves as access pass to the SEICO 14 Dinner. Complementary access badges are available from the Conference Registration Desk at a price of € 80.00.

SEICO 14 Registration Badge grants Free Access for 3 days to JEC Composite Show 2014 ! (For details refer to page 12)

SEICO 14 Full Catering Service for all Conference Attendees

All SEICO 14 attendees will enjoy a full catering service proposed on each of the two conference days. A Welcome Coffee waits for you prior to the opening of the first session. In the morning and afternoon a Coffee Break will be served as defined in the conference programme. For Lunch a Buffet will be served at the Restaurant of Hotel MERCURE. The lunch is to be paid by remittance of the Lunch-Voucher which will be given to you in your conference bag.

SEICO 14 Invitation letter for VISA request for temporary immigration to France / EU

If you require a VISA to enter France / Schengen States, please contact at the very earliest moment SAMPE Europe by e-mail (sebo@sampe-europe.org) to provide you an invitation letter required for your VISA request application to the French Embassy or Consulate of your country of residence.

SEICO 14 Proceedings

The Conference Bag, to be collected with the Conference Badge by each attendee at the Conference Desk, will contain one CD Rom copy of the SEICO 14 Proceedings. Additional copy of the Proceedings are available from the Registration Desk at a special price per copy of € 70.00, VAT included. VAT included.



Invitation to become a member of SAMPE Europe

SAMPE Europe with now 14 National and Regional Organisations and Chapters is providing to each of its over 1200 members a rewarding network on local, national, European and worldwide contacts through meetings, seminars and conferences with the latest information and presentation of state-of-the-art Research work, Development and Application references from Industry.

The SAMPE Journal with six issues per year is circulated free of charge to all SAMPE members worldwide, provides in each addition reports on selected technical topics and the latest news and opinions of Advanced Composite Technology and references the sources and origins.

The worldwide Network of SAMPE covers more than 5000 members which provides an outstanding return to each individual member, compared to the annual membership fee of only € 80.00 per year.

As a SAMPE member you will have access through the SAMPE-site to the library where the Proceedings from previous conference can be read.

Please consider the benefit you can generate for you and for your employer by joining SAMPE Europe and the SAMPE worldwide Community!

Please visit SAMPE Europe homepage, at www.sampe-europe.org where detailed information is available together with the application form for membership.

Non-SAMPE Conference attendees, paying the full rate for the two days registration are entitled to apply for one year's free membership by remitting the Membership-Application form to the Conference Registration Desk during SEICO 14.

SAMPE Europe will be very pleased to welcome you soon as new member!

Please visit SAMPE Europe's homepage under www.sampe-europe.org or contact SAMPE Europe's Membership-Service by e-mail to hm8461@bluewin.ch

Take advantage to participate to two major events in Europe linked to Advanced Composite Technology: SEICO 14 International Conference and JEC Europe Composite Exhibition and Seminars (March 11th. – 13rd . 2014) with coverage from Raw Materials, R&D Design, Testing, Prototyping, Qualification, individual and industrial sized processing, Repair – up to dismantling at the end of lifecycle.

The SEICO 14 RegistrationBadge provides free access to visit JEC Europe Composite Exhibition for three days, March 11th. – 13rd. ! To get your JEC badge please present your SEICO 14 badge and remit your business-card. On Tuesday, March 11th. a free Shuttle- Bus links Hotel MERCURE to the Main Entrance-Gate of the JEC Europe Composite Exhibition 14, located at the EXPO Complex of Paris Porte de –Versailles.

SEICO 14 Conference Location and Registration

Hotel MERCURE Paris Porte de Versailles
36-38 Rue du Moulin, F – 92174 Vanves (Paris)
Tel. +33 (1) 46 48 55 55 – Fax + 33 (1) 46 48 56 56
e-mail: H0385-SB@accor-hotels.com

On site registration :

Sunday, March 09th. 2014 17.00h – 18.15h pm
Monday, March 10th. 2014 08.00h - 16.30h pm
Tuesday, March 11th. 2014 08.00h – 16.30h pm

The Conference Language of SEICO 14 is English

The Work of the attendees of the SEICO 14 STUDENTS' Conference will be exposed in a room next the Conference Rooms. Do not miss the opportunity to visit and appreciate those often very smart works.

SAMPE Europe will expose at JEC 14 Composite Exhibition at Stand G 78 – where you can renew your membership or to buy Proceedings of the 2014 SAMPE Europe Conference or to from earlier events.



SPONSORSHIP FOR SEICO 14

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