

ICSAT 2013

September 25-27, 2013
Ingolstadt, Stadttheater, Germany



5th International Conference on Sustainable Automotive Technologies

Renewable energies building the bridge to Automotive Sustainability!

Chairmen and patrons:



Prof. Dr.-Ing. Jörg Wellnitz
Conference Chair
Dean of the Faculty of Engineering
at the Technische Hochschule,
Ingolstadt



Prof. Dr. Aleksandar Subic
Conference Co-Chair
Dean of Engineering and Head of
School of Aerospace
RMIT University, Australia



Prof. Dr. Walter Schober
President Technische Hochschule,
Ingolstadt

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Ingolstadt 2013



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Introduction



It is our pleasure to invite you to the 5th International Conference on Sustainable Automotive Technologies which will take place from September 25 to 27, 2013, in INGOLSTADT, Germany.

The Conference brings together various researchers in academia and industry, engineers, social scientists, scholars and graduate students to exchange and share their experiences as well as research results about all aspects of Sustainable Automotive Technologies and to discuss challenges encountered and solutions adopted. Gain valuable insights, learn about latest developments and new technologies.

Key Topics – Automotive Responsibility for Mobility



We are looking forward to welcoming you.

Prof. Dr.-Ing. Jörg Wellnitz
Chairman ICSAT 2013

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5th International Conference on
Sustainable Automotive Technologies

Conference Program | TUESDAY, September 24, 2013

REGISTRATION possible in advance.

Oktoberfest Tour. The ICSAT-Team invites you to a guided tour of the amazing Oktoberfest of Munich.

Conference Program Day 1 | WEDNESDAY, September 25, 2013

Start 8:30 - 15:20

Conference Chair Prof. Dr.-Ing. Jörg Wellnitz

OPENING, Greetings:

Prof. Dr. Walter Schober, President Technische Hochschule, Ingolstadt

Dr. Alfred Lehmann, Lord Mayor of the city of Ingolstadt

Christine Haderthauer, Bavarian State Minister

H.E. Peter Tesch, Australian Ambassador (requested)

Prof. Dr.-Ing. Jörg Wellnitz, Dean of the Faculty of Engineering at the Technische Hochschule, Ingolstadt



Prof. Ingemar Denbratt | Challenges for future - Internal Combustion Engines

Head of Combustion Division, Chalmers University of Technology, Gothenburg, Sweden



DI Heinz Peter Hollerweger | The increasing awareness of sustainability in the conventional industrial society - opportunities and risks | Head of Total Vehicle Technical Development, Audi AG, Germany



Prof. Aleksandar Subic | New design and manufacturing paradigms for vehicle lightweighting

Dean of Engineering and Head of School of Aerospace, RMIT University, Australia



Thomas Brodbeck | How new things come into the world

Executive's coach, Media Producer, Technische Hochschule, Ingolstadt, Germany

Afternoon Parallel Sessions - Fuel & Fuel Systems, Theoretical Aspects & Simulation, Manufacturing & Monitoring

Social Event Program

Tuesday, September 24, 2013

The ICSAT-Team invites you to a guided tour of the amazing Oktoberfest of Munich.

Wednesday, September 25, 2013

After an eventful day including a tour of the renowned automobile manufacturer Audi AG, we will end the evening with the famous and ominous Dr. Frankenstein's Mystery Tour.



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Conference Program Day 2 | THURSDAY, September 26, 2013

Start 8:30 - 15:20

Conference Chair Prof. Aleksandar Subic | Topic: Design and Sustainability



Dr. Wulf-Peter Schmidt | Towards sustainable individual mobility: challenges and solutions
Manager Sustainability, Vehicle Environmental Engineering, Ford-Werke GmbH, Germany



Associate Professor Albert Parker | Design of fuels and combustion strategies and recovery of waste
Professor in Mechanical Engineering, School of Aerospace, RMIT University, Australia



Prof. Dr. Lutz Fügner | Novelties and the force of habit. What does it take to make new mobility tools attractive?
Head of School of Transportation Design, Pforzheim University, Germany



Prof. Dr. Ullrich Hesse | Thermal systems for vehicle thermal management, air conditioning, heat recovery and future fuels | Endowed Professorship for Refrigeration Engineering, TU Dresden, Germany

Panel discussion: Renewable energies building bridges | Moderation: Dr. Johannes Töpler

Introductory presentation on "Light Car Sharing" | Johannes Barckmann

Head of Design Studio EDAG GmbH & Co. KGaA, Germany

Sven Leonhardt

Department Manager Functions & Material Technology, Honda R&D Europe GmbH, Germany

Volker Fink

Vice President Business Unit AUDI AG, EDAG, Germany

Dr. Wulf-Peter Schmidt

Manager Sustainability, Vehicle Environmental Engineering, Ford-Werke GmbH, Germany

Afternoon Parallel Sessions - Fuel Transportation & Fuel Storage, Material Research, Management & Costs

Social Event Program

We are going on a 40 minute boat trip along the Danube river and are visiting the monastery Weltenburg. When the weather's fine, the cloister beer garden is the perfect place to relax with a drink and taste the bavarian cuisine.

"Quetschenpower" ensures a good mood and atmosphere.



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Conference Program Day 3 | FRIDAY, September 27, 2013

Start 8:30 - 13:00

Conference Chair Prof. Ingemar Denbratt | Topic: Technical Management and Sustainability



Prof. Reza Jazar | Autodriver Algorithm for Autonomous Vehicles for ground and aerial vehicles
Discipline Head of Mechanical and Automotive Engineering, School of Aerospace, RMIT University, Australia



Thomas Ferwagner | Lightweight Photovoltaics and E-Mobility
Managing Director, Officium Design Engineering GmbH, Germany



Michael Hofmann | Status quo of electric mobility
Chief Financial Officer, BEM e.V., Federal Association Emobility, Germany

Parallel Sessions - Student Conference, Thermodynamics & Engines, E-Mobility & Battery Systems

BEST PAPER AWARD

Award for best presentation and paper

CONFERENCE ANNOUNCEMENT

next ICSAT 2014

Prof. Ingemar Denbratt

END OF CONFERENCE

Conference closing by chairmen



Audi

Social Event Program

Tour - Technische Hochschule



Conference Venue | Theater Ingolstadt | Schlosslande 1 | 85049 Ingolstadt | Germany

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Exhibition

In addition to several highlights an exhibition will take place at the ICSAT 2013. It will enrich the conference with interesting and innovative projects.

The following exhibitors contribute to this event and seize this opportunity to present themselves to an expert public:



Audi
Vorsprung durch Technik

CLEMSON
UNIVERSITY



Technische Hochschule
Ingolstadt



IFG Ingolstadt



PRIVAT-INSTITUT für Technik und Design e.V.

RMIT
UNIVERSITY

TUM



Tuning Akademie

EDAG



Chalmers University, Göteborg



Registration Form ICSAT September 25-27, 2013

Please complete and return the registration form with payment to our organization team:
PRIVAT INSTITUT für Technik und Design e.V. • Nördliche Ringstr. 19 • D- 85057 Ingolstadt
phone +49 841-951 74 43 • fax +49 841-951 74 43 • E-Mail: info@icsat2013.com



5th
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Technologies

Congress participant

Title
Surname
Company
Postal Code, City
Phone
E-Mail

First Name
Address
Country
Fax
Accompanying person (Name)

Registration Rates

Full ICSAT registration (including book/events (except Oktoberfest) 3 days	600.00 Euro	<input type="checkbox"/>
Students (Matriculation enclosed)	300.00 Euro	<input type="checkbox"/>

Social Event Program

Oktoberfest - Tuesday, September 24, 2013 only for participants (max. 50 persons)	50.00 Euro	<input type="checkbox"/>
Audi Tour - Wednesday, September 25, 2013	free	<input type="checkbox"/>
Mystery Tour - Wednesday, September 25, 2013	free	<input type="checkbox"/>
Ship/Dinner - Thursday, September 26, 2013	free	<input type="checkbox"/>
Technische Hochschule - Tour - Friday, September 27, 2013	free	<input type="checkbox"/>

Please register also for free tours, for organizational purposes.

GRAND TOTAL FOR PAYMENT:

I agree with the payment of the total amount of

Euro

Means of payment

Payment must be included with the registration. Registration without payment will not be processed.
All payments must be made in EUR. Any banking charges which may incur will have to be paid by the individual.

Bank details:

Sparkasse Ingolstadt, Rathausplatz 6
85049 Ingolstadt
Account No.: 53103057

BLZ: 72150000 IBAN no: DE23 7215 0000 0053 1030 57
BIC: BYLADEM1ING

Credit card payment: I authorize ICSAT 2013/ITD e. V. to debit my credit card:

☐ Visa ☐ Euro/MasterCard ☐ American Express

Cardholder: _____

Card no: _____

Expiry Date: __/__/__ CVC Code: __ __ (last three digits on back of card)

Date:

Signature:

Credit Card Information will only be used for paying purposes.

Fax reply - simply fill in the form and fax it to +49 841-951 74 43

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Upcoming Events

Congress Registration Fees

Full Registration (including book/events (except Oktoberfest) - 3 days	600.00 Euro
Students	300.00 Euro

(Special prices for employees Technische Hochschule, Ingolstadt and pending research institutes.)

Social Event Registration Fees

September 24, 2013 Oktoberfest - bookable only for participants	50.00 Euro
September 25, 2013 Audi/Frankensteintour - for accompanying person notifiable	free
September 26, 2013 Ship/Dinner - for accompanying person notifiable	50.00 Euro

For organizational reasons please register also for free tours.

Questions? For more information please contact our organization team. info@icsat2013.com

Website

All information regarding the conference venue, registration procedure, accommodation opportunities, scientific and social event program will be available on the website of the 5th International Conference on Sustainable Automotive Technologies:

www.icsat2013.com



Conference Info

Organizing Committee
Technische Hochschule, Ingolstadt
Prof. Dr.-Ing. Jörg Wellnitz

Esplanade 10
D- 85049 Ingolstadt

Phone: +49 841 / 9348 - 221 (Office hours)
Fax: +49 841 / 9348 - 99 369

E-Mail: info@icsat2013.com
Web: www.icsat2013.com

Accommodation

Regarding the congress "ICSAT 2013" we kindly present you a selection of 4 hotels of different categories in the City of Ingolstadt or surroundings of Ingolstadt. Whether guesthouse or 4**** -hotel, whether traditional or modern, you can't go wrong with any of them!

Hotel reservation

Tel. +49 841 305-3038

Hotelreservierung@ingolstadt-tourismus.de