

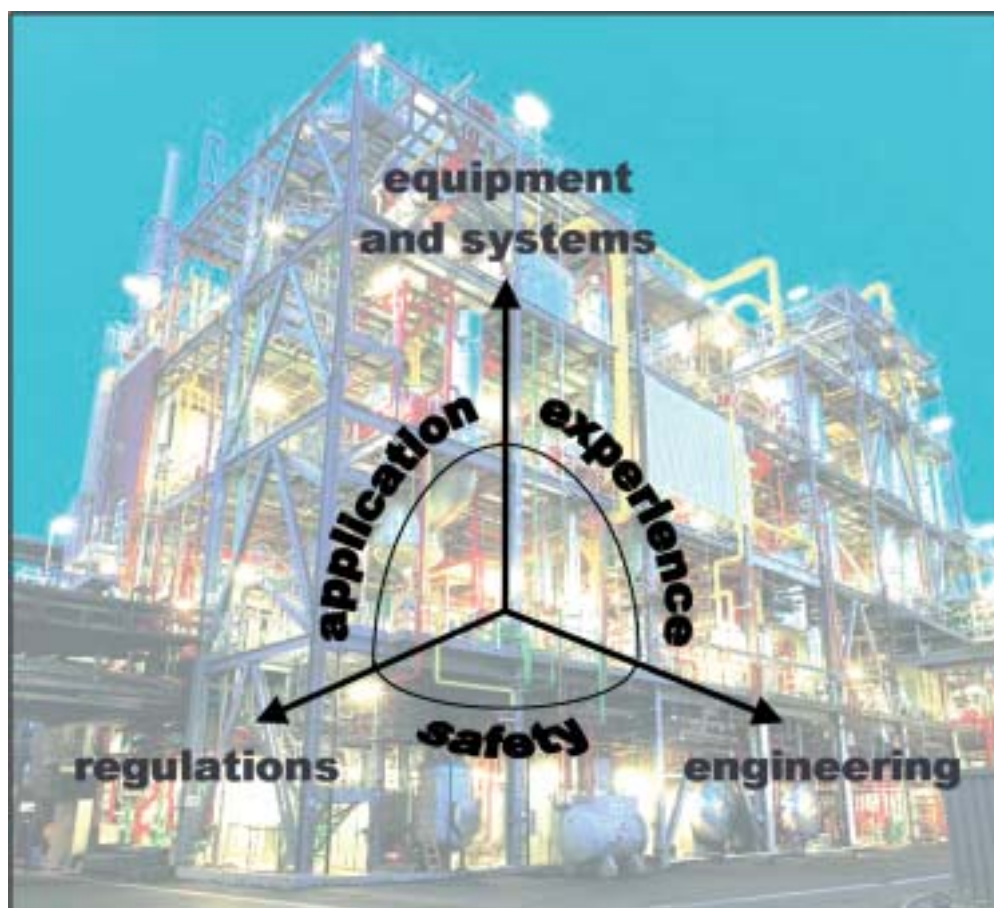
PCIC Europe 2004

1st European Conference on Electrical and Instrumentation Applications
in the Petroleum and Chemical Industry

Basle, Switzerland, May 27-28, 2004

www.pcic-europe.com

Programme



VDE

EUREL



IEEE



PTB

ZVEI

PCIC Europe 2004

1st European Conference on Electrical and Instrumentation Applications
in the Petroleum and Chemical Industry
Basle, Switzerland, May 27-28, 2004

Conference Site



MCH Messe Schweiz AG

Messeplatz
CH-4051 Basle
www.messe.ch



Entrance Conference Site and left the Conference Hotel Swissôtel Basle

Contact

VDI/VDE-Gesellschaft Mess- und
Automatisierungstechnik (GMA)
PCIC Europe
Postfach 10 11 39
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www.pcic-europe.com



The historic Town Hall of the City of Basle

Welcome to Basle



Peter Thurnherr

On behalf of the Local Committee in Basle, I am happy to welcome you to the PCIC Europe 2004 Conference. Please note: the clocks run differently in Basle! Besides being a lively industrial and services city, it offers visitors great cultural variety that ranges from theatre to unusual museums and collections – not to mention the joys encountered by taking a stroll of discovery through our charming and wellpreserved “old town”.

Basle is home to some of the world's leading manufacturers of chemicals and pharmaceuticals. 1858 development work began in Basle with the discovery of the red dye-stuff fuchsine. Alexander Clavel was the first to produce fuchsine, followed by the Ciba Company in Basle in 1859. The same year saw the extract factory of the Geigy trading company, later J.R. Geigy AG, start producing coal-tar dyes. Another starting point for the development of the new industry was the Basle Gasworks. In 1862 it started distilling its coal tar byproduct to obtain crude aniline. In 1886 the chemical factory Kern & Sandoz, later to become Sandoz AG, was established for the production of aniline dyestuffs.

The beginnings of F. Hoffmann-La Roche AG saw the light of day in 1896.

Basle's museums and art collections also make the city well worth visiting. The Basle Public Art Collection, one of the most impressive in Switzerland, embraces the Museum of Art (works by K. Witz, H. Holbein the Younger, the Upper Rhine Swiss school, paintings of the Flemish and Dutch school, Swiss masters of the 18th-20th centuries, 19th century French painters, important examples of cubism and classic modern such as Picasso), the Collection of Copper Engravings and the Museum for Contemporary Art. The Historical Museum shows official relics, pieces from the Münster treasures, parts of the famed Amerbach Collection, goldsmithery, musical instruments, and archeological artefacts from the city's beginnings and examples of its handicrafts. One of the newest museums that illustrate this point is the Jean Tinguely collection. Influenced by constructivism, the artist transformed his earlier wire-based reliefs into bizarre machines with the aid of mechanical kinetics.

I am looking forward to seeing you at the PCIC Conference. Besides contributing to our conference, perhaps you'll find the time to appreciate some of our city's many cultural aspects.

The PCIC Europe Conference 2004



Uwe Klausmeyer

The Petroleum and Chemical Industry Committee Europe (PCIC Europe) invites you to attend its first conference in Basle, on May 27/28, 2004.

In the year 2001 several representatives of the European community of Chemical, Petroleum and Pharmaceutical Industry, the German VDI and VDE, the German Manufacturers Association in Electrical Industry and a representative of the IEEE-PCIC met in order to discuss a European Conference for this field of industry. The group decided to attend the 48th IEEE-PCIC conference in Toronto in September 2001 in order to learn more regarding the existing North American technical conference.

After the Toronto conference the European representatives were convinced to prepare a European PCIC Conference, which should be as close as possible to the North American template. During the first meeting of the PCIC Europe on the 13th of November 2001, at the VDI in Düsseldorf, Germany, it was decided to hold the First PCIC Europe Conference in Basle, Switzerland. At this time the group consisted of representatives coming from France, Germany, Netherlands, Switzerland and the United Kingdom.

The group defined a vision:

The PCIC Europe Conference wants to be the premier European forum for the exchange of experience of practical applications of electrical and instrumentation technology in the Petroleum, Chemical and Pharmaceutical Industry (PCI).

The mission of PCIC Europe is:

- To hold the European Conference on Electrical and Instrumentation Applications in the Petroleum, Chemical and Pharmaceutical Industry (PCI)
- To support the exchange of experience and information among experts from suppliers, application, science and authorities
- To promote technology trends relating to electrical and instrumentation technology in the Petroleum, Chemical and Pharmaceutical Industry (PCI)
- To sponsor appropriate European guidelines
- To provide opportunities for professional development
- To stimulate the technological and the economical progress.

The Call for Paper was very successful in terms of 45 papers, which have been received. The impressive resonance of the idea to hold such a conference motivated us to go ahead with the further planning of the Basle conference, which is now open for registration. Furthermore we decided to hold the next conference in 2005.

Introduction to the Technical Programme



Klaus de Haas

According to its scope PCIC Europe the 1st Conference in Basle will be the premier European forum for the exchange of experience of practical applications of electrical and instrumentation technology in the Petroleum (Oil, Gas, E&P) and Chemical (incl. Pharmaceutical) Industry. You will find in the Programme of the Conference contributions in the field of the following topics:

- 1. Electrical and Instrumentation Engineering Practices**
- 2. Equipment, Systems and Components**
- 3. Operation, Maintenance, Repair, Asset Management and Qualification of Personnel**
- 4. Standardization and Regulations**
- 5. Safety Aspects in Process Control**

As an additional feature there is an ATEX Workshop, where you can learn about the experiences manufacturers and users of explosion protected equipment have made so far with the relevant EC directives and discuss your own experiences with your colleagues.

Because the PCIC Europe conference is application oriented, the Technical Programme Committee has taken great care to choose mainly papers which refer to specific practical applications and therefore a lot of information will be provided for engineers working for user companies and being involved in one or more of the above mentioned topics. But also experts from engineering companies, manufactures, regulators and insurance institutions are invited to visit the 1st European Conference in Basle and I am sure they also will find our programme of great interest.

Technical Programme Committee

Thorsten Arnhold, STAHL, Germany
Reinhold H. Bietzker, Endress+Hauser, Germany
Klaus de Haas, dH-Consult, Germany (Chair)
Hasso Drathen, NAMUR, Germany
Jürgen George, Pepperl + Fuchs GmbH, Germany
Terence Hazel, Schneider Electric, France
Colin Henderson, Experts, UK
Clife Hermanowski, CEAG, Germany
Ben Johnson, IEEE-PCIC USA
Uwe Klausmeyer, PTB Germany
Werner Miebach, IEConsult, France
Heribert Oberhem, Bayer AG, Germany
René Ouendag, Shell, The Netherlands
Volker Pandel, Infracore, Germany
Francois Schlessinger, Clariant AG, Switzerland
Gerhard Schwarz, CEAG, Germany
Peter Thurnherr, thuba Ltd, Switzerland
Markus Winzenick, ZVEI, Germany

Organisation Committee

Helga Rosenzweig, VDI/VDE-GMA Germany
Francois Schlessinger, Clariant AG, Switzerland
Peter Thurnherr, thuba Ltd, Switzerland
Dieter Westerkamp, VDI/VDE-GMA Germany

Sponsoring Organisations

VDI/VDE-Gesellschaft Mess- und Automatisierungstechnik (GMA)
EUREL - Electrical Engineers of Europe
IEE - The Institution of Electrical Engineers
IEEE PCIC North America
NAMUR - Interessengemeinschaft Prozessleittechnik der chemischen und pharmazeutischen Industrie
PTB - Physikalisch-Technische Bundesanstalt
ZVEI - Zentralverband der Elektrotechnik und Elektronik Industrie

Wednesday, May 26 2004: 18:00 h – 20:00 h

Official Conference Reception

All participants and their accompanying persons are invited to join the Official Conference Reception at the **Foyer, 2nd Floor** of the Conference Site:

MCH Messe Schweiz AG

Messeplatz, Basle.

At 19:00 h Welcome Addresses

Dr. Ralph Lewin

Senior Civil Servant and Principal of the Commercial and Social Division of the Canton of the City of Basle (Regierungsrat und Vorsteher des Wirtschafts- und Sozialdepartementes des Kantons Basel-Stadt)

Dr. Andreas Burckhardt

Director of the Chamber of Commerce of the City of Basle and

will welcome the participants of PCIC Europe.

Drinks and snacks (free of charge) will be served and music entertainment is provided.

The Registration Desk will be open during the reception.

Schedule at a Glance

Wednesday, May 26, 2004			
18:00 – 20:00 h	Official Conference Reception		
20:00 h	Hospitality Suites		
Thursday, May 27, 2004			
09:00 – 10:30 h	Plenary I		
10:30 – 11:00 h	Coffee Break		
11:00 – 12:30 h	Plenary II		
12:30 – 14:00 h	Lunch		
14:00 – 15:30 h	Engineering I	Regulations I	
15:30 – 16:00 h	Coffee Break		
16:00 – 17:30 h	Engineering II	Regulations II	
18:00 h	Hospitality Suites		
Friday, May 28, 2004			
09:00 – 10:30 h	Equipment I	Maintenance / Safety	Regulations III
10:30 – 11:00 h	Coffee Break		
11:00 – 12:30 h	Equipment II	Safety	
12:30 – 14:00 h	Lunch		
14:00 – 15:30 h	ATEX Workshop I	Maintenance I	
15:30 – 16:00 h	Coffee Break		
16:00 – 17:30 h	ATEX Workshop II	Maintenance II	
Saturday/Sunday, May 29-30, 2004			
Excursion(s)			

Technical Programme, Thursday 27th May 2004

Session P1: Plenary I

09:00 h - 10:30 h, Room Singapore
Session Chair: Klaus de Haas, dH-Consult (D)

Electrical Monitoring and Control Systems in Oil and Gas Plants - Lessons Learnt

J. Tastet, Technip France, B. Leforgeais, TOTAL (F)

Understanding and Controlling the Ignition Hazards of Static Electricity - New Trends

M. Glor, Swiss Institute for the Promotion of Safety and Security (CH)

10:30 h – 11:00 h Coffee Break

Session P2: Plenary II

11:00 h - 12:30 h, Room Singapore
Session Chair: Uwe Klausmeyer, Physikalisch Technische Bundesanstalt (D)

Safety and Availability of Components and Systems

L. Litz, University of Kaiserslautern (D)

Explosive Atmospheres - ATEX Directive 94/09/EC - The TOTAL Operator's Viewpoint

P. Leroux, TOTAL (F)

12:30 h – 14:00 h Lunch

Session A1: Engineering I

14:00 h - 15:30 h, Room Singapore
Session Chair: Colin Henderson, Ex-PERTS (UK)

Experience from Installing and Operating a Redundant Control Center

D. E. Steding, Exxon Mobil, H. J. Charwat, ErgoConsult (D)

Lifecycle Information Management and Workflows Using a CAE-System in the Pharmaceutical Industry

J. Jost, T. Tauchnitz, Aventis Pharma (D)

15:30 h – 16:00 h Coffee Break

Session A2: Regulations I

14:00 h - 15:30 h, Room Sydney
Session Chair: Terence Hazel, Schneider Electric (F)

Reference Designation System - A New Standard also for Chemical Plants

B. Essig, SCHOLZE Consulting, E. Welfonder, University of Stuttgart, K. Hesselmann, BAYER (D)

Evaluation of Quality of Electrical Safety and Maintenance

Ch. Satish, ITCS (IND)

Session B1: Engineering II

16:00 h - 17:30 h, Room Singapore
Session Chair: Colin Henderson, Ex-PERTS (UK)

Integrating Global Hazardous Location Methodologies and Technologies in a Large Capital Project

R. Robertson, T. Driscoll, Shell Canada, K. Martin, Brodwell Industrial Sales, M. Cole, Hubbell Canada, G. Morlidge, Fluor Canada (CDN)

When will North America Industry Adopted the Zone Method of Classification?

P. S. Babiarz, Cooper Crouse Hinds (USA), V. Rowe, Marex Canada (CDN)

18:00 h Hospitality Suites

Session B2: Regulations II

16:00 h - 17:30 h, Room Sydney
Session Chair: Terence Hazel, Schneider Electric (F)

Measured Data Recording Compliant to 21 CFR 11 - Blessing or Curse?

D. H. Schmidt, E+H Wetzler GmbH (D)

Industrial Practices Know-how Preservation in Decentralized Organization Structures

D. Meyer, W. Melzer, St. Stieler, Infraseriv Hoechst (D)

Technical Programme, Friday, 28th May 2004

Session C1: Equipment I	Session C2: Maintenance/Safety	Session C3: Regulations III
09:00 h - 10:30 h, Room Singapore Session Chair: Gerhard Schwarz, CEAG (D)	09:00 h - 10:30 h, Room Sydney Session Chair: René Ouëndag, Shell (NL)	09:00 h - 10:30 h, Room Rio Session Chair: Ben Johnson, Thermon Industries (USA)
Fieldbus Technology in Pharmaceutical Production Facilities G. Kegel, Pepperl+Fuchs, T. Tauchnitz, Aventis Pharma (D)	Calibration Management - Economic Solutions around Calibration M. Backus, H. Häfelfinger, Endress+Hauser (CH)	Objective Based Industrial Electrical Code M. Cole, Hubbell Canada, T. Driscoll, Shell Canada, V. Rowe, Marex Canada (CND)
Finding the Best AC UPS System Solution for an Industrial Environment M. Dreier, G. Andersen, GUTOR Electronic (CH)	Process Safety through Safe Instrumentation R. Maurer, Endress+Hauser (CH)	Explosion Protection N.N.
10:30 h – 11:00 h Coffee Break		
Session D1: Equipment II	Session D2: Safety	
11:00 h - 12:30 h, Room Singapore Session Chair: Gerhard Schwarz, CEAG (D)	11:00 h - 12:30 h, Room Sydney Session Chair: René Ouëndag, Shell (NL)	
New Technology for Automated pH Measurements in Pharmaceutical Production Processes Th. Steckenreiter, Endress+Hauser, H. Tups, Bayer (D)	IEC 61508 for "Fire & Gas" Detection Systems - Safety-Oriented Automation in Fire and Gas Detection Systems for Process and Building Automation T. Burkhardt, HIMA (D)	
Redundancy of pH-Sensors for more Reliable pH-Values W. Melzer, Chr. Lauer, St. Stieler, Infracerv Hoechst (D)	Development of the Guide for Performing ARC-Flash Hazard Calculations D. Doan, DuPont, H.O. Kemp, Tennessee Valley Authority, V. Saporita, Cooper Bussmann, G.D. Gregory, Square D, B. McClung, Electrical Safety Consulting Services, C.M. Wellmann, DuPont, (USA)	
12:30 h – 14:00 h Lunch		
Session E1: ATEX Workshop I	Session E2: Maintenance I	
14:00 h - 15:30 h, Room Singapore Session Chair: Heribert Oberhem, Bayer (D)	14:00 h - 15:30 h, Room Sydney Session Chair: Volker Pandel, Infracerv Hoechst (D)	
ATEX Directives - the Story so far - and the Future? D. Eardley, European Commission (B)	Balanced Maintenance Strategy for Field Instrumentation J.A. Salusbury, Endress+Hauser (CH)	
Serious Faults on the Equipment for Potentially Explosive Atmospheres, Imported from the EU A. Arnsek, Slovenian Institute of Quality & Metrology – SIQ, (SLO)	Preventative Maintenance and Reliability of Low Voltage Overcurrent Protective Devices M. Callanan, Nat. Joint & Apprenticeship & Training Com., D. K. Neitzel, AVO Training Inst., D.R. Neeser, Cooper Bussmann, (USA)	
15:30 h – 16:00 h Coffee Break		
Session F1: ATEX Workshop II	Session F2: Maintenance II	
16:00 h - 17:30 h, Room Singapore Session Chair: Heribert Oberhem, Bayer (D)	16:00 h - 17:30 h, Room Sydney Session Chair: Volker Pandel, Infracerv Hoechst (D)	
The ATEX Directive 94/9/EC and its Consequences on Manufacturers and Ex-Products G. Klotz-Engmann, Endress+Hauser (D)	Opening Up the Information Sets of Modern Field Devices for Various Asset Management Applications J. Müller, U. Epple, RWTH Aachen, M. Wollschläger, Ch. Diedrich, ifak, U. Enste, Leikon (D)	
Experience of Users with the EC Directive's Conformity Assessment Procedure R. Ouëndag, Shell (NL), P. Thurnherr, thuba (CH)	Evaluation of Alarm and Operator Messages for Process Optimization and Benchmarking W. Albert, Industriepark Wolfgang (Degussa Group) (D)	

General Information

Conference Site on May 26 - 28, 2004

MCH Messe Schweiz AG
Messeplatz
CH-4051 Basle

Wednesday, May 26, 2004: 20:00 h, on Thursday, May 27, 2004: 18:00 h

Hospitality Suites at the Swissôtel Basle

All participants are invited to visit the company hospitality suites during the conference. Snacks and drinks will be offered. The hospitality suites must be closed during the official conference functions such as the presentation of the technical papers and the official conference reception.

All commercial demonstrations and commercial literature distribution must be defined to the hospitality suite.

Accompanying Programme

Thursday, May 27, 2004

Conference Tour 1: Bern

Starting in front of the Swissôtel Basle at 08:30 h, driving by bus from Basle on the Highway to Bern, the capital of Switzerland. Bern is the seat of the Swiss Government.

With its time-honoured sandstone buildings, historic towers and unique fountains Bern is one of the finest examples of mediaeval civic architecture in Europe. The city's appearance has remained virtually unchanged for Centuries, earning Bern a place on the Unesco list of World Heritage Sites.

On our tour we visit the famous Bear Pits the bear is Bern's heraldic symbol, the covered shopping arcades and the fascinating fountains. Of course we stop for an occasional coffee at one of the open air Restaurants close to the Bundeshaus (House of Parliament).

We shall have lunch in a typical Restaurant in Bern.

After lunch we continue our trip to Murten on the shores of the Lake Murten. Murten is the main city of the Fribourg lake district and is situated directly on the language border. Most Murten residents speak two languages.

The lovely 800 year old small town can't be kept hidden from tourists. The great historical significance of the town comes alive when viewing its town wall, extraordinary towers and wonderful castle. There is enough time for a lake-side stroll on the boardwalk or for a little shopping. Return to Basle by bus in the evening.

Price: 125.- Euro per person, including lunch (drinks not included)

Friday, May 28, 2004 or on Saturday May 29, 2004

Conference Tour 2: Emmental

Starting in front of the Swissôtel Basle at 08:30 h, driving by bus from Basle to Affoltern im Emmental. This beautiful area in the pre Alps of Switzerland is well known for its soft green hills, big old traditional farm houses and of course the production of the famous Swiss Cheese.

Cheese from Switzerland's Emme valley is a delicious treat for those who appreciate the good things in life. In Switzerland, cheese-making is a true art. In small village cheese dairies, master cheese makers combine handed-down, age-old cheese-making tradition with the best of modern technology, preserving the original taste while complying with stringent hygiene controls. Real Swiss cheese is made by hand and aged for at least four months. Twice daily, the farmers bring their fresh raw milk to the cheese dairies. Then, as it has been for generations, the cheese-making begins. In Switzerland, cheese is subjected to the strictest foodstuffs laws by the Swiss Federal Office for Public Health. As a result, every phase of the cheese-making process is thoroughly checked to maintain the highest quality-from the health and diet of the cows to the hygiene of the milking equipment to the individual manufacturing processes. and of course, only cheese that achieves the highest levels of quality and taste are permitted to reach the consumer.

After the visit of the Show Dairie in Affoltern you shall stop at the Swiss Gold Museum and discover the fascinating history of the precious yellow metal. Return to Basle by bus in the evening.

Price: 116.- Euro per person, including lunch (drinks not included)

Saturday/Sunday, May 29/30, 2004

Post Conference Tour 3: Top of Europe

Starting in front of the Swissôtel Basle at 08:30 h:

1st day: Drive on the highway to the city of Thun in Central Switzerland. Enroute short coffee break. In Thun your board one of the ships of the white fleet and continue your voyage alongside the Alpine landscape with its silver sparkling mountain tops of the Bernese Oberland towards Interlaken. Disembark and transfer to your first or mediumclass Hotel.

General Information

2nd day: Today starts your excursion to “Top of Europe”. Unesco World Natural Heritage. At 3454 metres, Europe’s highest railway station is called Jungfrauoch. The railway was planned to be electrically operated from the start. Today it operates using 1125V three phase current with two parallel track systems.

The most important stretch is th 7km long tunnel through the rock of the Eiger and Mönch. Two intermediary stations Eigerwand and Eismeer are situated in caverns blasted from solid rock, with panorama windows giving absolutely breath-taking views deep into the Alpine world.

On Top of Europe you enjoy a breathtaking view in the pure air over the Aletsch Glacier or enjoy a sledge dog ride on the snow fields of Jungfrau mountain. Return to Basle in the evening.

Price: 402.- Euro per person, overnight 1st class Hotel, sharing double room (single suppl. plus 59.- Euro)
376.- Euro per person, overnight 2nd class Hotel, sharing double room (single suppl. plus 37.- Euro)
(drinks not included)

Saturday/Sunday, May 29/30, 2004

Post Conference Tour 4: Vierwaldstättersee

Starting in front of the Swissôtel Basle at 08:30 h:

1st day: Drive from Basle to Hergiswil. Coffee break enroute. In Hergiswil you will visit the famous Glas factory located on the shores of the lake of the 4cantons (Vierwaldstättersee). Here at Hergiswil world famous designer create beautiful pieces of glas-art. After the visit, continue to Lucerne for overnight at a first or medium class Hotel.

2nd day: At the pier close to the brand new state of the art concert hall of Lucerne, you board the ship that brings you across the lake to Vitznau. Your rack railway awaits you for the trip on the Rigi Montain. Enjoy the beautiful view over the lake towards the majestic mountain tops of the central Swiss Alps. In the evening return by bus to Basle.

Price: 459.- Euro per person, overnight 1st class Hotel, sharing double room (single suppl. plus 59.- Euro)
422.- Euro per person, overnight 2nd class Hotel, sharing double room (single suppl. plus 37.- Euro)

Incl. bus-trip, ship 1st class, train to Rigi, lunch Saturday and Sunday (drinks not incl.), overnight incl. breakfast.

Thursday, May 27, 2004 and Friday, May 28, 2004

Walking Tour Basle (Tour 5 and 6) 14:30 h – 16:30 h

The walking tour takes you from the Conference Site through streets named after the medieval crafts that were practised there via the Marktplatz to Basle Cathedral. On the way you will learn a great deal about the city’s development over the centuries, historic events and the cultural and economic influences that have set their mark on Basle.

The commentary is given in English.

Meeting point for the walking tour Basle is at the registration desk at the Conference Site.

Price: included in the conference fee.

Tour(s) Registration

If you want to reserve one or more of the planned tours, please register for it on the included registration form before **April 01, 2004**.

Cancellation of the planned tours:

If a minimum number of participants for each tour is not reached before April 01, 2004 the planned tours may be cancelled. In these cases refund will be made.

Wednesday, May 26, 16:00h – 20:00 h and on Thursday, Mai 27, 2004, 08:30 h – 18:00 h

Tourist Information Desk

The Tourist Information Office will have an information desk at the conference site with relevant information booklets concerning the City of Basle and its surroundings.

For booking of individual tours, please contact:

Mrs. Liliane Ryf, ROTSTAB REISEN AG, Fischmarkt 14, CH-4410 Liesental

E-Mail: ryf@rotstab.ch Phone: +41 61 926 84 84, Fax: +41 61 926 84 85

Internet : www.rotstab.ch

General Information

Conference Language

The conference language is English, no interpretation in any other language.

Speakers and Timetable

The organizer reserves the right to change speakers and the timetable if necessary.

Registration

Please complete and send the registration form (by mail or telefax +49 (0) 211 62 14-1 61) to
VDI/VDE-Gesellschaft Mess- und Automatisierungstechnik (GMA)
PCIC Europe
P.O. Box 10 11 39
D-40002 Düsseldorf
Phone: +49 (0) 211 62 14-2 15
Fax +49 (0) 211 62 14-1 61
E-Mail: rosenzweig@vdi.de

Please use a separate form for each participant.

Upon receipt of the completed form the registration will be confirmed by sending a confirmation letter as well as the invoice for the registration fee for your files. Payment should be made by credit card, please fill in the relevant information on the registration form.

Late registrants are kindly asked to pick up the a.m. documents on-site at the registration desk.

Late registration at the symposium site is also accepted. Please note that the late registrants are kindly asked to pay by credit card at the conference site.

Registration fee

The registration fee per person includes the documentation, the list of participants, official reception, lunch and coffee breaks

Registration fee, before March 31	EUR 630,-
Registration fee, after March 31	EUR 690,-
Accompanying person (incl. reception, lunch and coffee breaks only)	EUR 90,-

Tours (incl. VAT)

Tour 1: Bern, May 27	EUR 125,-
Tour 2: Emmental, May 28	EUR 116,-
Tour 2: Emmental, May 29	EUR 116,-
Tour 3: Top of Europe, May 29/30, 1st class	Single: EUR 461,- Double: EUR 804,-
Top of Europe, May 29/30, 2nd class	Single: EUR 413,- Double: EUR 752,-
Tour 4: Vierwaldstättersee, May 29/30, 1st class	Single: EUR 518,- Double: EUR 918,-
Vierwaldstättersee, May 29/30, 2nd class	Single: EUR 459,- Double: EUR 844,-
Tour 5: Walking Tour Basle, May 27	Free of charge
Tour 6: Walking Tour Basle, May 28	Free of charge

Cancellation

If the registration is cancelled in writing by up to **10 working days before the conference** starts (postmark) the registration fee will be refunded, less EUR 50,- (plus 16% VAT) for handling charges. In case of cancellation after this deadline the registration fee has to be charged in full. In this case the documentation will be forwarded after receipt of your message. If, due to other commitments, you are not able to attend the conference, it is possible to send a representative.

Registration Desk

Before the conference (until May 25, 2004):
VDI/VDE-GMA
PCIC-Conference Secretariat
P.O.Box 10 11 39, D-40002 Duesseldorf, Germany
Phone: +49 (0) 211 62 14-2 15
Fax: +49 (0) 211 62 14-1 61
E-mail: rosenzweig@vdi.de

General Information

During the conference:

Registration Desk at the **Conference Site on May 26 - 28, 2004**

Foyer, 2nd Floor

MCH Messe Schweiz AG

Messeplatz

CH-4051 Basle

Phone: +41 (0) 7 93 20 31 19

Fax: +41 (0) 5 82 06 21 86

Opening times of the Registration Desk:

Wednesday, May 26, 2004 15:00 h – 20:00 h

Thursday, May 27, 2004 08:00 h – 19:00 h

Friday, May 28, 2004 08:30 h – 17:00 h

Booking of Hospitality Suites

Companies intending to order a hospitality suite are kindly asked to book the suite via Hore Hotel Reservation:

www.hore-hotel-reservation.de/pcic2004.html or E-Mail: HoreHotelReservation@t-online.de

The **catering service** for the hospitality suites should be ordered directly from

Mrs. Ulrike Waeny, Swissôtel Basle, E-Mail: ulrike.waeny@swissotel.com

Hotel Accommodation

Hotel booking is organised by Hore Hotel Reservation. The participants can choose from a selection of hotels in different categories and special conference rates will be provided. The hotel booking is preferably made via Internet. Please contact:

www.hore-hotel-reservation.de/pcic2004.html

E-Mail: HoreHotelReservation@t-online.de

Hore Hotel Reservation

Weingartener Str. 70

D-76229 Karlsruhe

Phone: 0049-(0)721-482356

Fax: 0049-(0)721-482614

The Official Conference Carrier is Swiss International Air Lines.



Swiss International Air Lines is the official carrier and is offering special fares to all participants of the PCIC 2004 Conference. These conference fares offer reductions of up to 25% depending on the fare type, route and space availability. Conference fares are valid for all flights to Switzerland operated by SWISS. To take advantage of these special conference fares, please contact your local SWISS air travel office, because booking this special fares for the conference is not possible via internet. Please display to the “Swiss International Air Lines IDS page **G CGRF, Tour Code: CXX4002**” in order to receive the special rates.

Further information about Swiss Air you will find under: <http://www.swiss.ch>

Arriving in Basle

The EuroAirport Basle-Mulhouse-Freiburg is 15 minutes by car from the Convention Center Basle. The national airline Swiss and other European airlines offer quick connections to 44 European cities. All intercontinental direct flights go to Zurich airport, which is a 55-minute train journey from Basle.

Basle is located where Swiss, German and French motorways intersect. The Convention Center Basle and the exhibition venue have a direct connection to the motorway. The exhibition venue includes a multi-storey car park with 1600 parking spaces.

The hotels, restaurants, the Old Town, the shopping streets, museums and parks can be reached comfortably by walking or in a few minutes by public transport.

The three railway stations SBB (Swiss), DB (Badischer Bahnhof, Germany) and SNCF (France) are 5 to 10 minutes away from the Convention Center Basle.



<http://www.sbb.ch/>



<http://www.db.de/>



<http://www.sncf.fr/>



<http://www.bvb-Basle.ch/>

City map

Please refer also to: http://www.myBasle.ch/verkehr_karte.cfm and http://www.parkleitsystem-Basle.ch/anfahrtsplan/large/PPS_zNord_Messe_K4.gif



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