

Keynote speakers

Manfred Broy,

Technical University Munich

Thomas J. McCabe, CEO, McCabe Technology

Yogesh Gupta,

Chief Technology Officer Computer Associates

Claus E. Heinrich,

Executive Board SAP AG

Toshinori Kobayashi,Japanese Ministry of Economy,
Trade and Industry (METI)

Union of Japanese Scientists and Engineers

3rd World Congress for Software Quality > Research

> Practice

> Business

26 – 30 September 2005, Technical University Munich, Germany





Welcome to Munich



Dr. Edmund Stoiber

Patron, Minister-President of Bavaria

As the patron, I welcome the participants to the 3rd World Congress for Software Quality in Bavaria. I am glad that Munich was chosen as the first European city to host the Congress. I also see in this an international appre-

ciation of Bavaria and its state capital as a centre of information technology. In our economic region, which is one of the world's most productive and competitive, information and communication technology is a mainstay of technological progress and economic power.

The more we become used to handling computer-controlled equipment in everyday life, the higher the standard of software quality must be. Imperfection not only causes enormous economic damage, it is also a security risk to users in many areas of application. I only think of using microprocessors in, for example, cars or aeroplanes. Therefore co-operation and the creation of common norms and security standards of software development among America, Asia and Europe gain more and more importance. I am convinced that once again – after San Francisco and Yokohama – this 3rd World Congress will be a focal point of significant progress in this particular field.

Moreover, I hope that the participants will have the opportunity to enjoy the varied attractions of Munich and its surroundings, in addition to the conference program. Along with its historic places, its famous art collections, museums and theatres, the particularly delightful surrounding landscape as well as its merry and joyful atmosphere, it is not without reason that Munich is one of the main destinations for tourists in Europe. And a visit to the "Oktoberfest", which takes places at the same time, is almost a must for the Congress participants from all over the world.

My best wishes for a successful event go to the 3rd World Congress for Software Quality.



Prof. Dr. Wolfgang A. Herrmann

President of the Technical University Munich

It is a great pleasure to host the 3rd World Congress for Software Quality at the Technische Universität München. Informatics is the youngest discipline at our university, but numerous interdisciplinary collaborations underscore

its role as a broad-based science. Once a mysterious offshoot of mathematics, informatics is now a leader in many areas of scientific progress. On the basis of its growing economic and political significance, informatics is being integrated into a business sector at our university. As a result it has been involved in a range of strategic collaborations between politics and economics. To cite an example, the V-Model XT, one of our latest ventures, is able to co-ordinate the operation within projects. This ensures that software products can be released in time, moderately priced and fully functional.

In this connection, the Technische Universität München meets the strong demands for informatics in tough international competition. And in this spirit I would like to express my hope for even more cooperation on a high research level. Thanks for coming here!



Prof. Dr. Bernd Hindel

Chair of the Conference

Today people depend on successfully operating software systems worldwide. Whether in business or private life – we are all forced to trust in the practicality of computer programs. Therefore it is not surprising that all over the

world experts are making great efforts to improve software quality. Improving software quality is also the ambition of the 3rd World Congress for Software Quality. After this conference took place in San Francisco in 1995 and in Yokohama in 2000, the International Software Quality Institute – as the local organizer – is very proud to present the Congress this year in Munich, the capital of the European software industry. From September 26th to 30th, the leading experts from academics and industry are coming to Bavaria to share the latest ideas, insights, experiences and advances in the software quality, software process improvement and software development methods. You can expect an exciting schedule of tutorials, workshops, panel discussions, paper and keynote sessions and an exhibition of software tool vendors as well as excursions to the research laboratories of the main sponsors. Use your chance to meet experts and VIPs in software engineering business; come to the World Congress for Software Quality 2005.

Tutorial Speakers - Tutorials in the morning

Rex Black

Advanced Test Design

There are fundamental test design techniques: equivalence partitioning, state transition diagrams, boundary values, and decision tables. Experienced test engineers already know these techniques. This advanced test design tutorial will take experienced test engineers to the next level of proficiency. You'll learn advanced decision tables, scenariobased testing, orthogonal arrays and all-pairs tables. The course consists of a roughly equal mix of lecture, case study/example, and hands-on exercises.

Ina Schieferdecker

TTCN-3 Workshop

In this paper we will present how a model-centric approach can be used not only to rapidly develop the system but to help provide system tests at the same time. An integral part of the overall system development. The key technology used to achieve this is a set of meta tools which contains model repository generators and model transformer generators.

Markus Müller

Major Differences Between the old and new ISO 15504 – called SPICE – and their Impact

The participants will find out the major differences between the old and new version of the standard through intensive work with it. After understanding the differences, the experiences will be shared and the impact of the changes for existing processes will be discussed. The workshop will be done interactively with lots of discussion. Workshop steps and priorities will be agreed together with the participants based on their needs.

Tim Kass

The Look and Feel of a Successful CMMI Implementation

This tutorial provides practical insight into the CMMI from the point of view of a company that uses it as a tool to support its process improvement initiatives, which support the company's business objectives with measurable results. The author recently published a book on this topic. Expectations are set for all levels of management and practitioners, with practical examples added to illustrate the engineering principles behind the CMMI goals and practices. Topics include: Engineering Systems Think; Business Results; Project, Risk, Quality, and Supplier Management; Requirements Engineering; Product Integration; Integrated Teams; Reducing Variation; Establishing a Measurement Program; Improving Beyond Stability; and, the Constagedeous Approach to Process Improvement.

Taz Daughtrey

Cost of Quality and Return on Security Investment

The security of software-based systems is an increasingly significant issue, but one that has received relatively little attention in a cost-of-quality framework. This tutorial discusses the extension of risk assessment methodologies to provide a more quantitative basis for investment decisions. This tutorial will survey approaches that have been used to analyze return on security investments and offer data gathered in academic and commercial settings. Participants will receive practical guidance on incorporating security considerations into the quality management process.

Graham Bath

The TPI Model: A Hands-on Workshop

Test Process Improvement is a central and significant task for people working in the software quality business. To enable them to achieve a reasoned, plannable and controllable improvement in their test processes, a number of models have been proposed, of which only the TPI model appears to have achieved broad-based acceptance within industry. T-Systems uses the TPI model for assessing and improving the test process in individual projects and has also sucessfully used the model over a number of years with several customers. It is our experience that, if applied pragmatically, the TPI model can provide considerable value to Software Process Improvement (SPI) initiatives in general and Test Process Improvement (TPI) initiatives in particular.

Dirk Muthig

Product Line Engineering in Practice

Product line engineering is an approach that many industry organizations want to adopt these days. The reason is that they have realized that in order to stay competitive their products must be of high quality, quick to market and customized to individual needs. This tutorial presents Fraunhofer PuLSE, the approach of the Fraunhofer Institute for Experimental Software Engineering (IESE) for product line engineering. This approach engineers a family of systems by taking advantage of their common characteristics and predicted variabilities.

Tutorials in the afternoon

Rernard Homés

Standards: Curse or Cure?

Standards are sometimes viewed by the profession as a curse that plaques software test projects, or as a crutch that masks the inability of certain testers to think clearly. This presentation attempts to place standards in their proper perspective as one in a series of possible solutions to jump start some processes. Different standards are compared for the main and supporting processes in software testing, and suggestions for use are provided.

Hans Schaefer

Testing Embedded Systems

Embedded systems have become an increasingly important part of our daily lives. They range from small appliances, like our mobile phones, to safety-critical systems, such as railway signaling and medical devices. The tutorial will focus on the special problems encountered here and ways to deal with them. This means testing for timing problems, race conditions, deadlocks and livelocks, scheduling problems and problems with analog inputs.

Dorothy Graham

Measuring the Quality of Testing Using DDP (Defect Detection Percentage)

How can you show how good your testing is? Simply counting defects found in testing is not the answer. This tutorial describes a simple but effective measure of the quality of testing, which has proven very useful in a number of organizations. After this tutorial, you will understand how to calculate Defect Detection Percentage (DDP), how best to start measuring it, what it means, what options and questions there are in using the measure, and how to best use it to monitor and improve the quality of your testing.

Andreas Rausch

Desire or Grind - How flexible is the new V-Model?

Whether object-oriented software development or flexible processes, the new V-Model XT can fulfill many requirements. It offers a whole view by changing the structure in system development and it solves the problem of flexibility between power and simplicity by tailoring a project perfectly. There is a convincing variety of supported processes on the one hand and the simple adjustment to the concrete project needs on the other hand. Whether clients, project manager, developers or quality managers - everyone finds an answer in this compact collection of best practice. KISS - will it function with the new V-Model XT? You decide! Let yourself be carried forth on a journey through the V-Model in a new garb. This tutorial offers you a compact introduction to the V-Model XT

Vinul Kocher

Exploratory Testing Using Q-Patterns

Exploratory testing has gained widespread acceptance in the industry because it offers numerous benefits. A test practitioner can combine exploratory testing with scripted testing in varying degrees to suit the context. The effectiveness of exploratory testing depends on the experience of the tester and it varies from person to person. Relative lack of documentation also makes exploratory testing difficult to practice when there are requirements for a documented test effort. Q-Patterns provide a lightweight mechanism for sharing and documenting testing experience and test cases. Q-Patterns allow a generic application of experience across projects, promote reuse of test cases and provide an easy method for reviewing specifications. In this paper we present how exploratory testing can be effectively done using Q-Patterns. Q-Patterns can serve the dual purpose of being a map to the testers performing the exploratory testing and a tool that helps to create such maps.

Colin Hood

From Requirements to Tests

For successful software development projects, an active management repository of clearly formulated, categorized and prioritized requirements is the basis for a common understanding of all participants and thus a key factor for project success. Even in projects with such a well-defined requirement elicitation and management process, software faults will appear. Thus, systematic validation and verification strategies have to be defined and performed. All those activities have to be derived from and linked to the original requirements in order to minimize QA efforts and to maximize their benefit to the product quality.

Yoshinori lizuka

A new Quality Management System Model for Sustainable Growth

Japan has studied a new quality management system (QMS) model that can help companies to enhance their competitive advantages and to achieve sustainable growth in today's dynamic business environment. The new QMS model presents advanced concepts that go beyond the conventional ones in ISO 9004, including: sustainable success based on learning and innovation, QMS design for implementing business strategies, dynamic QMS model and twelve quality management principles. These documents were recognized as an important source for the next revision of ISO 9004. The leader of the committee that developed the documents presents the new QMS model and the results of the applications.

Program

Mon

8:00 Tutorial Registration

9:00 Tutorial I

Advanced Test Design Rex Black Rex Black Consulting Services (USA) **Tutorial II**

TTCN-3 Workshop Ina Schieferdecker Fraunhofer FOKUS (D)

their Impact Markus Müller

Kugler Maag Cie (D)

Tutorial III

Tutorial IV

Major Differences Introduction to Between the old Systems Engineering and new ISO 15504 Tim Kasse called SPICE - and Kasse Initiatives (USA)

Tutorial V

Cost of Quality and **Return on Security** Investment Taz Daughtrey James Madison University (USA)

Tutorial VI

The TPI Model: A Hands-on Workshop Graham Bath T-Systems GEI (D)

Tutorial VII

Product Line Engineering in Practice Dirk Muthig Fraunhofer IESE (D) 26 Sep

12:30 Lunch Break

13:30 Tutorial VIII

Standards: Curse or Cure? Bernard Homés T.E.S.S.C.O. (FRA)

Tutorial IX

Testing Embedded Systems Hans Schaefer Software Test Consulting (NOR)

Tutorial X

Measuring the Quality of Testing Using DDP (Defect **Detection Percentage)** Dorothy Graham Grove Consultants (UK) Tutorial XI

Desire or Grind -How flexible is the new V-Model? Andreas Rausch TUM (D)

Tutorial XII

Exploratory Testing Using Q-Patterns Vipul Kocher Pure Testing (India)

Tutorial XIII

From Requirements to Tests Colin Hood HOOD (UK)

Tutorial XIV

A new Quality Management System Model for Sustainable Growth Yoshinori lizuka The University of Tokyo (Japan)

17:00 Conference Pre-Registration

17:30 Introductory Presentation

Horst Zuse, The Origin of the Computer Technical University of Berlin

18:30 Welcome Reception



Tue Sep

Program

8:00 **Conference Registration**

9:00 Opening

Bernd Hindel, Conference Chair Representative of the Bavarian State Government

9:30 Keynote speaker

Manfred Broy, Software Quality - Models, Profiles, Costs Technical University Munich



10:30 Coffee Break and Exhibition

Project Management I

Engineering Process Philosophies

Integration and Testing

Quality Models I

Panel discussion A Reports from different Regions - Experts in dialoque Chair: Rudolf Haggenmüller

11:00 A1 E-Government: Development and Deployment Process Naoko Wakiya

11:30 A2 Quality Aspects in Managing Virtual Organisations

Josef Withalm Siemens AG

12:00 A3 Quality Improvement Practice of Offshore Development in

Wu Anhua NFC

B1 Virtual Software Teams: **Overcoming the Obstacles** Valentine Casey

University of Limerick **B2** An Effective Approach to Integrate Product Line **Engineering and Model**

Driven Architecture Soo Dong Kim Soongsil University

B3 Quality Improvement and Development Shinii Fukui **OMRON Corporation**

iSOI

C1 Structural and Functional **Predicate Coverage Testing** Mario Winter University of Applied Sciences

Cologne C2 The Research on Componentbased Test Case Reuse **Technique of Software**

Liu Zhenyu Shanghai Software Center

C3 Testing and Verification for **Embedded Linux** Akihiro Yamana

D1 Practical Approach to Evolve SPI Activities in a Large-Scale **Organization** Hideto Ogasawara

D2 Reference Model for Software **Process Improvement: A**

Brazilian Experience Mariano Montoni COPPE/UFRJ

D3 Quality Management **Technique for Open-Platform** Systems Satoko Imai



12:30 Lunch and Exhibition

Industrial Session

13:30 ID-A1

14:30

60 min

ID-B1

ID-B2

30 min

30 min

30 min



30 min



30 min

14:00

Coffee Break and Exhibition **Project Management II**

MERCURY

Engineering Process Benchmarking

Review Techniques, Audits I

Borland

Quality Models II

Panel discussion B **Quality-Centered Project**

Management - Japanese View

imbus

Chair: Yoshinori lizuka

15:00 A4 Predictive Feed Forward **Control Framework**

Soundararajan Ravi **HCL Technologies Limited**

15:30 A5 Role of the Communications Management in PMO Activity Shoso Yamato

B4 Practical Experiences with the new ISO/IEC IS 15504 Markus Müller Kugler Maag Cie

B5 Engineering of Six Sigma Software Richard E. Biehl

C4 Auditing IT Security Taz Daughtrey James Madison University

C5 Risk-based Design Review and Code Inspection

Yasuko Okazaki

C6 Usability Attributes and

D4 Managing Quality of Information Retrieval for Effective Knowledge Management Danny C. C. Poo

National University of Singapore

D5 A Quantitative Software **Quality Evaluation Model for the Artifacts of Component Based** Development

Kilsup Lee Korea National Defense University

D6 Operational Process and **CMMI**

Tetsutaro Okawa

Motomu Koumura Mitsuru Ohba Minoru Itakura Katsumichi Yasuda

16:00 A6 Effective Software Project Management: Issues in Managing Geographically Distributed Clients

Talha Javed National University of Computer and Emerging Sciences

B6 Applying SPICE in the Finance

Data-Oriented Quality Solutions

Christian Völcker SynSpace AG

Measurements of Security Systems Ugo Piazzalunga Eutron Infosecurity SRL

16:30 Coffee Break and Exhibition

Keynote speaker

Claus E. Heinrich, The Industrialization of the Software Industry - Implications for Quality Management Member of the Executive Board, SAP AG







Program

9:00 Keynote speaker

Toshinori Kobayashi, A Strategy for the Improvement of Software Quality and Productivity in Japan Japanese Ministry of Economy, Trade and Industry (METI), Japan



10:00	Coffee Break and Exhibition						
	Project Retrospectives	Software Process Benchmarking	Review Techniques, Audits II	Requirements Engineering I	Testing I		
10:30	E1 Project Retrospectives Olav Riediger S.E.S.A. AG	F1 TQM Method – A new Process Network Oriented Method Susumu Sasabe NEC	G1 How can we make our Software Reviews effective? Yasuomi Sato	H1 Invited Talk: Requirements for Quality, Quality of Require- ments Karol Frühauf INFOGEM AG	11 Automated Test Method Globalizing Testware Tsunefumi Watanabe		
11:00	E2 Test Method Deployment Holger Hanisch Datev eG	F2 An Empirical Case of Softwa- re-Intensive System Develop- ment based on Rational Unified Process Kilsup Lee Korea National Defense University	G2 Development and Validation of a HAZOP-based Inspection of UML Models Aleksander Jarzebowicz Gdansk University of Technology	H2 Design to Customer at PSE Gernot Moshammer Siemens AG Österreich – Program and System Engineering	12 Test and Software Measures for Software Platform Frameworks Markus Prechtel DaimlerChrysler AG		
11:30	E3 Practical Experi- ences in Introducing Efficient Management of Requirements and a Methodological Test Approach in Parallel Edgar Brodde RDS Consulting GmbH	F3 Software Development Effort Estimation based on COCOMO and its Practical Application Takaji Fujiwara Fujitsu Peripherals Limited	G3 Effective Review Procedure Kenichi Koto	H3 The Customization of Requirement Specifications for Software Projects Wen-Kui Chang Tunghai University	13 Experiences Using TPI in the Automotive Industry Michael Bender Bosch Engineering GmbH		

12:00 Lunch and Exhibition

	Industrial Session									
13:00	ID-F1	30 min	ID-G1	30 min	ID-H1	30 min	ID-I1		ID-J1	_
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13:30	ID-F2	30 min	ID-G2	30 min	ID-H2	30 min	ID-I2	30 min	ID-J2	30 min
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14:00	Coffee Break and Ex	hibition			
	Estimation	Embedded Software	Measurement and Metrics	Requirements Engineering II	Testing II
14:30 Invited Speaker	E4 Navigating the Minefield - Estimating Before Requirements Carol Dekkers, Quality Plus Technologies	F4 Invited Talk: Software Development for Embedded Systems Ernst Schindler BMW IT-Solutions	G4 Enhancing Object-Oriented Cohesion Measures by Emphasi- zing Write Dependency Heung Seok Chae Pusan National University	H4 Internal Use Cases as a Documentation Aid Adam Sauer ELAXY GmbH	14 Failure Mode Class Tree: A Source of Test Improvement and Process Improvement Yasuharu Nishi
15:00	E5 Assessments of Development Organizati- ons Through the Use of a Project Related Benchmark Andreas Schmietendorf T-Systems	F5 FAUST – Fully Configurable Automatic Software Test System Anne Kramer SEPP MED GmbH	G5 Study to Secure Reliability of Measurement Data Through Application of Game Theory Sang Pok Ko SAMSUNG Electronics	H5 Generating Simulation and Test Models From Scenarios Jon Whittle QSS Group Inc.	15 Technical Target Setting Based on Impact Analysis in Software Quality Function Deployment Frank Liu University of Missouri-Rolla
15:30	E6 An Effort Estimation Technique Using a	F6 Benchmarking Automotive Software Acquisition Projects	G6 Invited Talk: Software Measurement Frameworks	H6 Rethinking the Notion of Non-functional Requirements	I6 Creating Effective Load Models for Performance Testing

Cases Identified by

Number of Test **Use-Case Models** Kazutoshi Shimanaka Tobias Häberlein DaimlerChrysler AG

Reiner Dumke University of Magdeburg Martin Glinz University of Zurich

with Incomplete Empirical Data Scott Barber PerfTestPlus

16:00 Social Event - Oktoberfest

Thu 29 Sep

Program

Keynote speaker

Yogesh Gupta, Chief Technology Officer Computer Associates



K1 Criteria for Software Testing

Tool Evaluation - A Task Oriented

10:00 Coffee Break and Exhibition

Risk Management

Methodology and **Tool Rollout**

Selection and Tailoring I

Model Based Quality

Panel discussion C IT Security

Chair: Taz Daughtrey

10:30 J1 Business Risk Visualization: A Technique to Help Focus **Software Testing Effort** Krysanne Klassen

IBM Canada Ltd

11:00 J2 Shifting the Risk Andreas Nehfort Nehfort IT-Consulting KEG

11:30 J3 R-LIME: Improving the Risk

Dimension in the LIME Model

Ecole de Technologie Superieure

(ETS) - Université du Québec

Institute for Computer Science, University of Heidelberg **K2** How can Test Tools

View

Timea Illes

Noriko lizumi

Support TPPI? Frank Schmeißner imbus Rhein-Main GmbH

K3 Improving Test Quality by Simultaneous Design Using

L1 Invited Talk: An Integrated **Approach to Quality** Improvement Linda Ibrahim **United States Federal**

Aviation Administration L2 Appropriate Processes: **Tailoring Agile Processes** Jan Ittner method park Software AG

L3 Perspective-based Evaluation of Software Process **Management Tool Suites** Niniek Angkasanutra

Fraunhofer IESE

M1 MDA++: Combining System **Development and Test** Development

Ina Schieferdecker **Technical University** Berlin/Fraunhofer FOKUS

M2 Towards Model-based **Quality Evaluation of Software Products**

Paolo Salvaneschi University of Bergamo

M3 From Analysis to Testing -Tracking of Requirements in UML David Kreische imhus AG



12:00 Lunch and Exhibition

Luigi Buglione

Industrial Session

13:00 ID-K1





ID-M1

ID-M2





ID-01



13:30 ID-K2

METHOD > PARK ID-L2

ID-L1



30 min



ID-N2



ID-02



Coffee Break and Exhibition

Human Management

Agile Methods

Selection and Tailoring II

Configuration Management

Panel discussion D Software Patents Chair: Christoph Witte Chief Editor, Computerwoche

14:30 J4 Deploying Guerilla Quality -**Modern Techniques for Quality** Initiatives

Jeff Fiebrich Freescale Semiconductor, Inc.

15:00 J5 Quality of Team Building: Building with Partner Satisfaction

Measurable Quality of Team Yukiko Enokida

15:30 J6 Invited Talk: Certified Software Quality Engineer Patricia McQuaid California Polytechnic State University

K4 Invited Talk: Agile Methods Werner Mellis University of Cologne

Han van I oon Leistungs Consult GmbH

K5 The Mature Approach to

K6 Agile Software Development within a QM System Siegfried Zopf Siemens AG

L4 Systematic Tailoring of Quality **Techniques**

Kurt Schneider University Hannover

L5 The Business Model's **Establishment in Loan of Development Environment by** Outsourcing in China Kazunori Mita

L6 Invited Talk: V-Model XT Andreas Rausch University of Kaiserslautern

M4 Invited Talk: Adding Value through Configuration Management

Anne Mette Jonassen Hass **DFITA**

M5 A Configuration Management Framework Supporting Evolution of Components Xin Peng

Fudan University

TOSHIBA

M6 An Approach to Improving **Software Project Management** by Utilizing Data from SCM Systems Minoru Aizawa

Yogesh Gunta Chief Technology Officer

Computer Associates **Christian Ehler** Member of the European

Parliament

Marc Laudien Attorney at Law Laudien & von Nottbeck

16:00 **Coffee Break and Exhibition**

Keynote speaker

Thomas J. McCabe, How to have Outsourcing enhance Careers, rather than dismantle them CEO, McCabe Technology







Program

9:00 Farewell Breakfast	•		
10:00 Excursion I BMW * Siemens *	O Excursion III Audi *	* Meeting point: Conference Office	
15:00 End			
Hapag-Lloyd please contact: Angela Herrmann	, Hapag Lloyd Reisebüro, Hein	afternoon and Saturday (e.g. Neuschwanstein castle sestraße 37, 13467 Berlin, Phone +49-030-40 50 8 ftware, get more information at www.3wcsq.org	
Fax +49-9131-91910-10 • inf	o@3wcsq.org	g • www.3wcsq.org	Registration
Please complete the registration form and return it by mail (info@3wcs (+49-9131-91910-10) or use the registration form on our website (www. Presentations and keynote addresses will be held in English.	. •	Discounts 10% "Early Bird" discount for all regist 10% for groups of five or more people	
Prices for participation in 3WCSQ			/ / / /
The conference registration fee includes: admission to all conference admission to the exhibition, conference proceedings, light refreshmbreaks, lunches, Exhibitor Reception, and Social Event. You may chart the sessions as you like.	nents during nge between	Payment can be made by invoice or bank transfer. I Sparkasse Erlangen, account no. 20592, Payment by: Invoice or Bank tr	IBAN DE79 7635 0000 0000 0205 92.
Full Conference (including two half-day tutorials and social event)	€ 1200	O A bank transfer of €ha	is been made. Date
 Conference only (Tue – Thu and social event) Social Event (Oktoberfest – Wed) Admission to the Social Event for congress participants is included in fee. You may bring another person to the Social Event. If you wou so, provide the name below. 	- / / / /	A Jania u disser di e	S Deel Hidue. Date
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Tutorial Fee		Company	
The tutorial registration fee includes: admission to the selected tutor proceedings, light refreshments during breaks, lunch, and Welcome	e Reception.	Position	
One Tutorial (half-day)	€ 200	Address	
Two Tutorials (half-day) all rates per per	€ 380 rson plus VAT	City, State, ZIP code	
General terms and conditions			
 Confirmation: Conference Capacity is limited. Registrations will be a first-come, first-served basis. Conference registrations will not be until the completed form and payment has been received by the regist 	e confirmed	Phone, Fax	
■ Cancellation: Registrations cancelled before August 31, 2005 are 100 € cancellation fee. No cancellations or refunds may be made aff Substitutions may be made at any time before the first day of the pr	subject to a ter this date.	E-Mail ASQF member	Member no (please fill in)
Modifications: Conference program is subject to change.	ogram./	///////////////////////////////////////	
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Panel Discussion (PD) Tue + Thu

A B C D

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Excursion Fri

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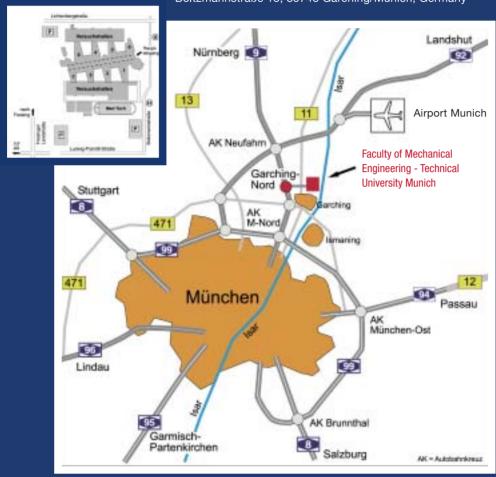
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Conference Location

Faculty of Mechanical Engineering

Technical University Munich

Boltzmannstraße 15, 85748 Garching/Munich, Germany







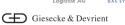
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San Jose, USA

Wetterkreuz 19a 91058 Erlangen Germany

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