

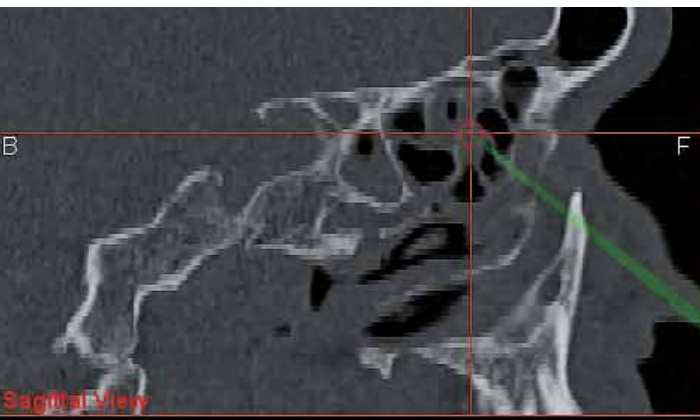


The IRDC-ACADEMY & University Hospital of Leipzig present:

LEIPZIG TRAINING COURSE FOR ENT-SURGERY

with Automatic Assistance Systems (ENT-AAS)

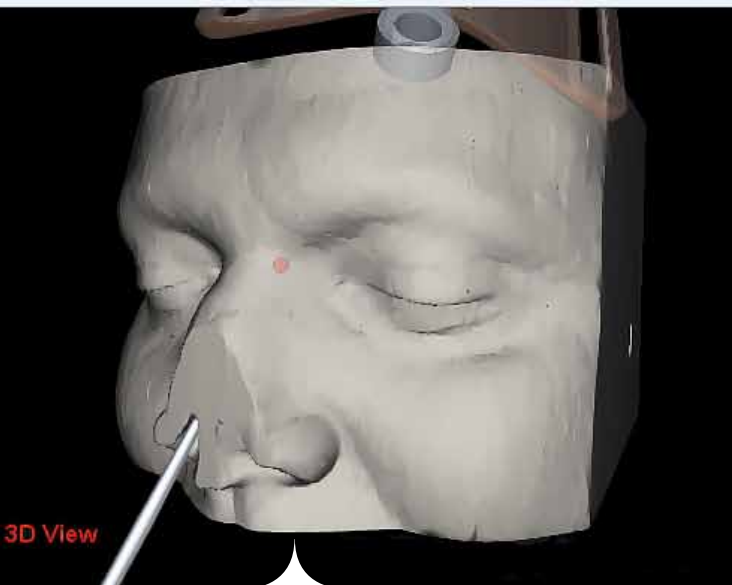
Module FESS & Frontal Skull Base: 19th – 21st January 2012



Sagittal View



Coronal View



3D View



Axial View

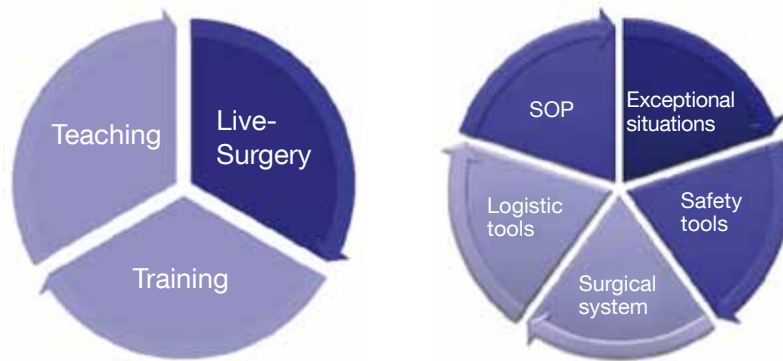
ORGANISATION

VENUE	<p>International Reference and Development Centre for Surgical Technology (IRDC) Kaethe-Kollwitz-Strasse 64 04109 Leipzig, Germany</p> <p>and</p> <p>Lecture Hall Kopfkliniken University Hospital, Dept. of ENT Liebigstrasse 10-14 04103 Leipzig, Germany</p> <p>and</p> <p>Institute of Anatomy Liebigstrasse 13 04103 Leipzig, Germany</p>
COURSE DIRECTORS:	<p>Ingo Bechmann, MD (Professor for Anatomy, University of Leipzig)</p> <p>Andreas Dietz, MD (Professor for ENT, University Hospital of Leipzig)</p> <p>Tim Lueth, PhD (Professor for Micro Technology, Technical University of Munich)</p> <p>Gero Strauss, MD (Professor for ENT, University Hospital of Leipzig)</p>
COURSE COORDINATORS	<p>Milos Fischer, MD (ENT, Leipzig) Mathias Hofer, MD (ENT, Leipzig)</p>
COURSE SECRETARY	<p>Mrs. Iris Gollnick Centre Manager IRDC</p>
CONTACT	<p>Tel.: +49 (0)341 33733160 Fax: +49 (0)341 33733163 E-Mail: i.gollnick@irdc-leipzig.de Internet: www.irdc-leipzig.de</p>
REGISTRATION FEES	<p>Early Bird Registration until December 1st EUR 600,00</p> <p>Registration after December 1st EUR 650,00</p> <p>January 19th “Automation for highest precision” Porsche race car taxi driving and factory tour EUR 100,00</p>

IRDC ACADEMY & LEIPZIG MASTERCLASS

IRDC ACADEMY is a training section of the IRDC in partnership with the university hospital at the University of Leipzig. IRDC ACADEMY is specified by the international Board of Surgeons of the IRDC and open to all surgical schools worldwide.

The institution is focused on teaching surgical procedures according to (A) international SOP's, (B) exceptional situations, (C) integrated surgical systems, (D) safety and (E) logistic tools as well as (I) lessons, (II) live-surgery and (III) training conditions.



The training courses are designed and adapted with the help of international training facilities from other disciplines, e.g. Lufthansa and Airbus Ind. All courses are defined for a specific trainee level to avoid redundancies in teaching and training:

IRDC Trainees qualification		
★ A Beginner (~10)	★★★ B Intermediate (~100)	★★★★★ C Experienced (>200)

All participants of IRDC ACADEMY training courses will belong to their individual Surgical Masterclasses. They are able to pass this class after fulfilling 60 points with an IRDC-certification and life-long membership to the IRDC ACADEMY.

IRDC Surgical Masterclass						IRDC Masterclass Certification		
Leipzig FESS class	Leipzig Ear class	Leipzig Head & Neck class	Leipzig Plastic Surgery class	Leipzig Neuro-surgery class	Leipzig Pediatric surgery class	< 60 points Junior Member	60 points Senior Member	150 points Certified Surgeon

This surgical training can be combined with training at the OR1™ plus Training Centres worldwide to add principle knowledge of these highly-integrative workplaces and to pass the certification for OR1™ plus Surgical Units.

TRAINING CONCEPT

Leipzig Training Courses for Surgery with Automatic Assistance Systems (AAS)

The IRDC training courses are specially designed for continuous surgical training for highly-specialised surgical procedures. In the following you can find some information about the general concept. For further information please contact the IRDC office.

GENERAL PURPOSE

- Highest quality in teaching and preparation training
- Highest feasibilities for training and education
- Highly equipped ENT-ORs
- Check-in and check-out tests for classifying our trainees to build inhomogenous groups for maximum learning effect (small group teaching after S. Kagan)
- Leipzig as the metropolitan hub in the up and coming Central Region of Germany with one of the oldest and largest universities in Europe
- An extraordinary cultural life with different opera houses, orchestras, the famous Leipzig Gewandhausorchester, the Thomas Boys Choir in the city of Bach, international restaurants and many other attractions
- Course certification

SURGICAL FOCUS

- Surgical approaches and varieties presented in Standard Operating Procedures (SOP), Brief Technical Notes (BTN), Exceptional Handling (EXH), Interactive Sessions (IAV)
- Presented by international, experienced trainers
- Wet- and dry lab with unique automatic recording and analysis of the trainees performances
- Prepare, program and use assistance systems

TECHNICAL FOCUS

- Instrument navigation
- Distance Control Systems
- Navigated Control (“autopilot”)
- Endoscope manipulators
- Telemanipulators
- Micromanipulators
- Integrated OR
- Logistics

With professional partners like the Center for Innovative Surgical Training Technologies (ISTT) an unique training philosophy for surgery is developed and realized in every course. The goal of ISTT is to develop innovative technologies for scenario-based surgical training. This includes the development of simulation systems and electronic phantoms as well as new training concepts for the wet-lab. All systems and training programs are based on real clinical cases and procedures. Therefore, ISTT is analyzing surgical interventions in close cooperation with clinical partners in Leipzig and worldwide.

TRAINING CONCEPT

LANGUAGE	English
SKILL LEVEL *	B, C * B-Advanced Trainees (4 – 7 years experience); C-Senior-Surgeons (>7 years experience)
IRDC-MASTERCLASS	20 Points Category B/C
CME-CREDIT	certified by the German Ärztekammer
INVITED GUESTS AND TRAINERS	Tomislav Baudoin, MD PhD (Professor for ENT, University Hospital of Zagreb/Croatia) Ingo Bechmann, MD (Professor for Anatomy, University of Leipzig) Marco Caversaccio, MD (Professor for ENT, Inselspital Bern/Switzerland) Mohamed Zaki Helal, MD (Professor for ENT, Ain Shams University Cairo/Egypt) Karl-Titus Hoffmann, MD (Professor for Neuroradiology, University Hospital of Leipzig) T.N. Janakiram, MD (ENT, Royal Pearl Hospital, Trichy/India) Reda Kamel, MD (Professor for ENT, University of Cairo/Egypt) Tim Lueth, PhD (Professor for Micro Technology, Technical University of Munich) Bernhard Schick, MD (Professor for ENT, University Hospital of Homburg) Joerg Schipper, MD (Professor for ENT, University Hospital of Duesseldorf)
PARTNER	ENT-Dept. University Hospital of Leipzig Institute of Anatomy, University of Leipzig
PARTICIPANTS	Maximum of 30
SOP	Standard Operating Procedures
BTN	Brief Technical Notes
EXH	Exceptional Handling
IAV	Interactive Session

PREFACE



Dear Colleagues and friends,

It is a great pleasure for us to invite you to Leipzig for the annual training course for ENT-surgery with Automatic Assistance Systems (ENT-AAS). This course has a 4-year tradition with more than 180 participants from 9 countries. We are very thankful for the opportunity to teach and train ENT-surgery with the special focus on modern techniques with assistance systems for the OR. The purposes of the ENT-AAS training course are simple: teaching the modern and international ENT-standards, training in standard and unexpected situations and, last but not least, understanding of the medical technology we are using on a daily basis. Navigation, Navigated Instruments, Navigated Control, Endoscope- and Instrument Manipulators are only some examples of these components.

The course addresses ENT surgeons in the advanced practical training years and experienced operating surgeons. We promise you a professionally organized course with many highlights in a family atmosphere. We are pleased to welcome you in January to the IRDC and the University Hospital at the University of Leipzig.

Enter with us into the ENT surgical cockpit!

Prof. Dr. Gero Strauss, MD
Head of the Surgical Cockpit-Program
University of Leipzig, Director of the
IRDC, Leipzig

Prof. Dr. Ingo Bechmann, MD
Director of the Institute of
Anatomy, University of Leipzig

Prof. Dr. Tim Lueth, PhD
Director of the MIMED Institute,
Technical University Munich

Prof. Dr. Andreas Dietz, MD
Director of the ENT Department,
University Hospital
Leipzig

Thursday, January 19th

International Reference and Development Centre (IRDC)

08:00		Trainer's Training (for faculty only) Introduction for surgical and technical trainers	Werner Korb Norman Geissler
09:00	BTN	Welcome & Introduction Aims, focus, evaluation	Gero Strauss Andreas Dietz Werner Korb
09:30	BTN	Lesson 1.01 Anatomical update Landmarks, risk structures, anatomical relationships	Ingo Bechmann
10:00	SOP	Lesson 1.02 Endoscopic Sinus Surgery A stepwise concept to Who-When-Why and How	Gero Strauss
10:30	SOP	Lesson 1.03 FESS I Infundibulum and maxillary sinus	Mathias Hofer
11:00		<i>Coffee break</i>	
11:30	SOP	Lesson 1.04 FESS II Anterior ethmoid	Susanne Schaller
12:00	SOP	Lesson 1.05 FESS III Frontal Sinusostomy - When Why and How!	Marco Caversaccio (Switzerland) Andreas Leunig
12:30	SOP	Lesson 1.06 FESS IV Spheno-ethmoidal complex	Reda Kamel (Egypt)
13:00		<i>Lunch</i>	

STANDARDS DAY 1

Thursday, January 19th

International Reference and Development Centre (IRDC)

14:00	IAV	Live Surgery Part 1		
16:00		<i>Coffee Break</i>		
16:30	BTN	Lesson 1.07 HD-videoendoscopy Videostandards, image and video chain, documentation	Georg Weiß	
17:00	EXH	Lesson 1.08 CSF-leak in transnasal surgery Reasons, acut and subacut treatment, prevention strategies	Joerg Schipper	
17:30	EXH	Lesson 1.09 Bleeding in transnasal surgery Reasons, acut and subacut treatment, prevention strategies	Christian Mozet	
18:00	BTN	Lesson 1.10 The Surgical Deck for ENT-NS Standard instrumentation, powered instruments, surgical cockpit	Gero Strauss	
18:30	IAV	On-site visit Surgical Deck Office1, Briefing Room, Surgical Deck	Iris Gollnick	
20:00		<i>KARL STORZ OR1 featuring PORSCHE Leipzig</i>		

Friday, January 20th

University Hospital, Dept. of ENT, Lecture Hall, Institute of Anatomy

08:00	BTN	Lesson 2.01 Anatomical update Radiologists view	Karl-Titus Hoffmann
08:30	SOP	Lesson 2.02 Median Drainage of frontal sinus Draf I-III	Joerg Schipper
09:00	SOP	Lesson 2.03 Dacryo-Cysto-Rhinostomy	Christian Mozet
09:30	EXH	Lesson 2.04 Complications in FESS General review	Tomislav Baudoin (Croatia)
10:00	EXH	Lesson 2.05 Extended Sinus Surgery Indication, complications	Andreas Dietz
10:30	SOP	Lesson 2.06 Instrument navigation in FESS	T.N. Janakiram (India)
11:00		<i>Coffee Break</i>	
11:30	IAV	Live Surgery Part 2	
13:00		<i>Transfer to Institute of Anatomy and Lunch</i>	
14:00	BTN	Introduction to Wet Lab Steps of training, schedule	
14:30	IAV	Wet Lab preparation training Part 1	
16:00		<i>Coffee break</i>	
16:30	IAV	Wet Lab preparation training Part 2	
18:00	IAV	Evaluation preparation training	
20:00		<i>Course dinner</i>	

Surgical
Cockpit-ENTMeet
the experts

Saturday, January 21st

Institute of Anatomy

08:30	BTN	Lesson 3.01 Anatomical update ENT surgeons view	Mohamed Zaki Helal (Egypt)
09:00	SOP	Lesson 3.02 Endoscopic transnasal rhino-neurosurgery	Gero Strauss
09:30	SOP	Lesson 3.03 Transnasal pituitary surgery ENT surgeons view	Mohamed Zaki Helal (Egypt)
10:00	SOP	Lesson 3.04 Anterior skull base surgery for malignomas	Bernhard Schick
10:30	BTN	Lesson 3.05 Surgical Assistant Systems for transnasal surgery Registration, accuracy, modern applications	Tim Lueth
11:00		<i>Coffee break</i>	
11:30	IAV	Wet Lab preparation training Part 3	
13:00		<i>Lunch</i>	
14:00	BTN	Evaluation preparation training	
14:30	IAV	Wet lab preparation training Part 4	
15:00	IAV	Visit to the IRDC, University Hospital (in parallel)	
16:00		<i>Certificates and Farewell apero</i>	

PROFILE OF TRAINERS & EXPERTS

Tomislav Baudoin, MD PhD (Professor for ENT)

University Hospital “Sisters of Charity” Zagreb/Croatia, Director of Pediatric Division of ENT-Department

Since 1996 Professor Baudoin is director of the Pediatric Division of the ENT Department, University Hospital “Sisters of Charity”, Zagreb. In 2001 he received his PhD with the thesis “Local Capsaicin Treatment of Nasal Polyps”. Between 2001 and 2003 he did his fellowship in plastic and reconstructive surgery. His areas of clinical and research interest are pediatric otolaryngology, rhinosurgery, clinical and experimental rhinology and allergology and plastic reconstructive surgery. Between 1992 and 2011 he achieved a high reputation through his activities as president and member in several international organizing committees, as founder and leader of the “School of Pediatric ENT”, member of General Assembly of European Academy of Otorhinolaryngology and others. About 150 articles were published by Prof. Baudoin, many of them are indexed and peer-review publications. Professor Baudoin is the author of a series of chapters from the fields of rhinology, pediatric otorhinolaryngology and oropharyngology published by several textbooks.

Ingo Bechmann, MD (Professor for Anatomy)

University of Leipzig, Director of the Institute of Anatomy

Since November 2009 Prof. Dr. Bechmann is director of the Institute of Anatomy, University of Leipzig. He studied theology and human medicine in Frankfurt/Main, Berlin, and at Yale. In 1999 he received his doctoral degree and habilitated 2001 at Charité. He received an AiP-stipendiary in 1998/1999 in the Dept. of Neurology of the Charité (Prof. Einhäupl), 2000 – 2002 stipendiary for state doctorate in the Dept. of Neurobiology of the Charité (Prof. Nitsch). Between 2004 and 2006 he was operating as C3 Professor for Anatomy at Charité and 2006 – 2009 as W3-Professor for anatomy in Frankfurt. His field of research is neuro-immunology, immune tolerance as well as the development of human pathology models.

Marco Caversaccio, MD (Professor for ENT)

Inselspital, Bern/Switzerland, Director of ENT-Department, Medical Faculty of the University

Professor Marco Caversaccio is director of the Department of ENT surgery at the Inselspital, Medical Faculty of the University of Bern. His clinical focus is wide open with special interest in technical assistance systems, e.g. navigation. He has organised the International Bernese Training Course for Sinus Surgery (PSSB) for a number of years. His Department is composed of multiple, highly specialized units such as Otolaryngology, Audiology, Otoneurology, Rhinology, Oncology, Laryngology, Phoniatrics. Prof. Caversaccio holds several memberships e.g. Swiss Society of Oto-Rhino-Laryngology, Head and Neck Surgery, German Society of Oto-Rhino-Laryngology, Head and Neck Surgery, German Society for Computer and Roboterassistierte Surgery (CURAC), International Society for Computer Aided Surgery (ISCAS). In February 2008 he received the CO-ME award for Excellence in Computer Aided Surgery around the Head in Leipzig.

PROFILE OF TRAINERS & EXPERTS

Andreas Dietz, MD (Professor for ENT)

University Hospital of Leipzig, Director of ENT-Department

Since April 2004 Prof. Dr. Dietz is director of the ENT Department, University Hospital of Leipzig. During the time as assistant doctor and deputy he was working at the ENT department University hospital of Heidelberg (Chair: Prof. H. Weidauer). In the context of numerous studies his scientific work concentrated on gathering exogenic and endogenous risk circumstances for the appearance of head and neck tumours. He is internationally well known as an expert in the field of head and neck cancer treatment. Since 2001 Prof. Dietz is member of the executive board of the working committee Oncology of the German Society for otorhinolaryngology, head and neck surgery. Since 2011 he was elected as chair of the Head and Neck Oncology Working group of the German ENT-society. He is active in numerous committees, such as the German Society of Cancer and is executive board member of the Innovation Center for Computer Assisted Surgery (ICCAS) Leipzig. He is member of honor in different ENT societies and founder of the DeLOS-study group which pushes clinical trials in larynx organ preservation. Together with Prof. Strauss, Prof. Dietz founded the IRDC ACADEMY in Leipzig (chaired by Prof. Dietz) which organises and conducts an international training program for surgical disciplines.

Mohamed Zaki Helal, MD (Professor for ENT)

Ain Shams University, Cairo/Egypt, Director of Rhinology Group, ENT-Department.

Professor Helal holds employments at the Department of Faculty of Medicine, Ain Shams University, he is head of the Rhinology Group, ORL Department, Ain Shams University and director of Ain Shams University Endoscopic Sinonasal Surgery Courses; basic and advanced. He is qualified with the Doctor Degree (M.D. Degree) in Surgery of Ear, Nose and Throat, Ain Shams University in collaboration with University of Tubingen in Germany, Master Degree (M.S. Degree) in Surgery of Ear, Nose and Throat and M.B., B. Ch. (Bachelor of medicine and surgery). He is member of various societies such as the Egyptian ORL Society, the Egyptian Rhinology Society, the International Rhinology Society or the Egyptian Society of ENT and Allied Sciences. Professor Helal has published more than 50 articles in the field of Endoscopic Sinonasal and Skull Base Surgery.

Karl-Titus Hoffmann, MD (Professor for Neuroradiology)

University Hospital of Leipzig, Director of Neuroradiology

Karl-Titus Hoffmann is Professor of Diagnostic and Interventional Neuroradiology and director of the Department of Neuroradiology at the University of Leipzig since 2009. He is an appointed Neuro-radiologist since 2001 and became an Associate Professor of Radiology and Neuroradiology in 2005 at Charité, University Medicine Berlin. During 2006-2008 he was the Managing Assistant Medical Director of the Department of Neuroradiology at Charité. He has more than 14 years of experience in modern medical imaging with his clinical focus on both diagnostic and interventional neuroradiology. His scientific focus is on functional and microstructural MR imaging of the brain in degenerative and ischemic diseases of the CNS. Professor Hoffmann is a member of the European Society of Radiology, the German Society of Radiology, and the German Society of Neuroradiology.

PROFILE OF TRAINERS & EXPERTS

T.N. Janakiram, MD (ENT)

Royal Pearl Hospital, Trichy/India, Managing Director

Dr. Janakiram joined MBBS in 1985, DLO in 1992 and did his ENT Master of Surgery 1995 – 1998. He then served as tutor in the anatomy at Trichy Medical College for a short period of time. He started his work at Trichy ENT Research Centre in 1999 and Royal Pearl Hospital in 2001. At present he is the managing director of the Royal Pearl Hospital. His areas of interest are endoscopic approach to skull base, frontal recess surgery, orbit in endoscopic surgery, tympanoplasty and CSF leak repair. Dr. Janakiram participated in numerous training programs abroad and organised several work hops at Trichy in endoscopic sinus surgery, otology and laryngology. He is a publisher of the E-book in rhinology and ENT encyclopaedia published on the net.

Reda Kamel, MD (Professor for ENT)

Cairo University, Cairo/Egypt, ENT-Department

Professor Kamel is a professor of Rhinology at Cairo University, Egypt. His main interest is Endoscopic sinonasal surgery, Allergy and Sleep studies. He published more than 20 articles in the field of Endoscopic sinonasal surgery and a book titled Anatomy of the Lateral Nasal Wall, Ostiomeatal complex and Anterior Skull Base. Professor Kamel is a reviewer for several Journals including the Laryngoscope, American Journal of Rhinology, Skull Base and The Annals of Otology, Rhinology & Laryngology. He is a member of many international societies including; International Rhinologic Society (IRS), American Academy of Otolaryngic Allergy (AAOA), Collegium Oto-Rhino-Laryngologicum Amicitiae Sacrum (CORLAS), International Symposium of Infection and Allergy of the Nose (ISIAN) and European Rhinologic Society (ERS). He has the privilege of serving as the founding president of the Pan Arab Rhinology Society (PARS) and Egyptian Rhinology Society (ERS). Professor Kamel is now the President of the International Rhinologic Society (IRS), President elect of the International Symposium of Infection and Allergy of the Nose (ISIAN), president elect for the upcoming IRS/ISIAN Conference in Sharm Al-Sheikh, Egypt, November, 2013. Professor Kamel received many international rewards, the latest is The Arab Health Karl Storz Award for Excellence in Teaching (2006). He received also many national rewards including; the Prize of the Academy of Scientific Research (1991), the National Prize of Encouraging Scientific Research (1992), the Egyptian National Reward in Advanced Scientific Research (2006)

Werner Korb, PhD

HTWK Leipzig – University of Applied Sciences, Scientific Director of Innovative Surgical Training Technologies (ISTT)

Dr. Korb is the Scientific Director of ISTT. He is a true interdisciplinary researcher; a border crosser in the field of computer-assisted surgery. He has been a researcher at the German Cancer Research Center (Heidelberg), the University Hospital in Heidelberg and at the Innovation Center for Computer Assisted Surgery (ICCAS) Leipzig. In Leipzig, he established the research field Ergonomics and Training in Surgery. He is Assistant Head of the Committee on Ergonomics in Medicine at the Association for Electrical, Electronic & Information Technologies (VDE) and has led many workshops in the research field.

PROFILE OF TRAINERS & EXPERTS

Tim Lueth, PhD (Professor for Micro Technology)

Technical University of Munich, Director of the Institute for Micro Technology and Medical Device Technology (MIMED)

Since 2005 he is director of the Institute for Micro Technology and Medical Device Technology (MIMED) at the Technical University of Munich, Germany. From 2001 to 2005 he was full Professor for Clinical Navigation and Robotics at the Charité, Medical School of the Humboldt-University and Co-Director of the Clinic for Craniofacial and Maxillofacial Surgery in Berlin. In combination of functions he was Director of the Medical Device Department for Production Systems and Design Technology at the Fraunhofer-Institute (IPK) in Berlin. In 2006 Prof. Lueth received an appointment as full professor (status only) at the University of Toronto, Canada, Department of Medical Imaging. Dr. Lueth received a Dipl.-Ing. Degree (M.S.) in Electrical Engineering at the Technical University Darmstadt in 1989, his Ph.D. in Robotics at the University Karlsruhe in 1993 and the State Doctorate (Habilitation, Priv. Doz.) for Computer Science at the University Karlsruhe in 1997.

Joerg Schipper, MD (Professor for ENT)

University Hospital Duesseldorf, Director of ENT-Department

Professor Schipper is director of the Department for ENT at the University Hospital Duesseldorf. He has lectured in the field of computer-assisted surgery for many years. Joerg Schipper is the President of the German Society for Computer Assisted Surgery (CUR AC). His department encompasses the diagnosis, the conservative and surgical treatment, as well as the prevention and rehabilitation of all diseases of the ear and the vestibular organ, the nose, the paranasal sinuses, the throat and the larynx, the salivary glands, the lymphatic system of the head and neck, the upper aero-digestive tract, and the cranial nerves of the head and neck. The focus of his experimental research is based on head and neck oncology. Particularly, tumor immunology, development of immunological approaches against head and neck cancer and the characterization as well as inhibition of tumor cell metastasis.

Gero Strauss, MD (Professor for ENT)

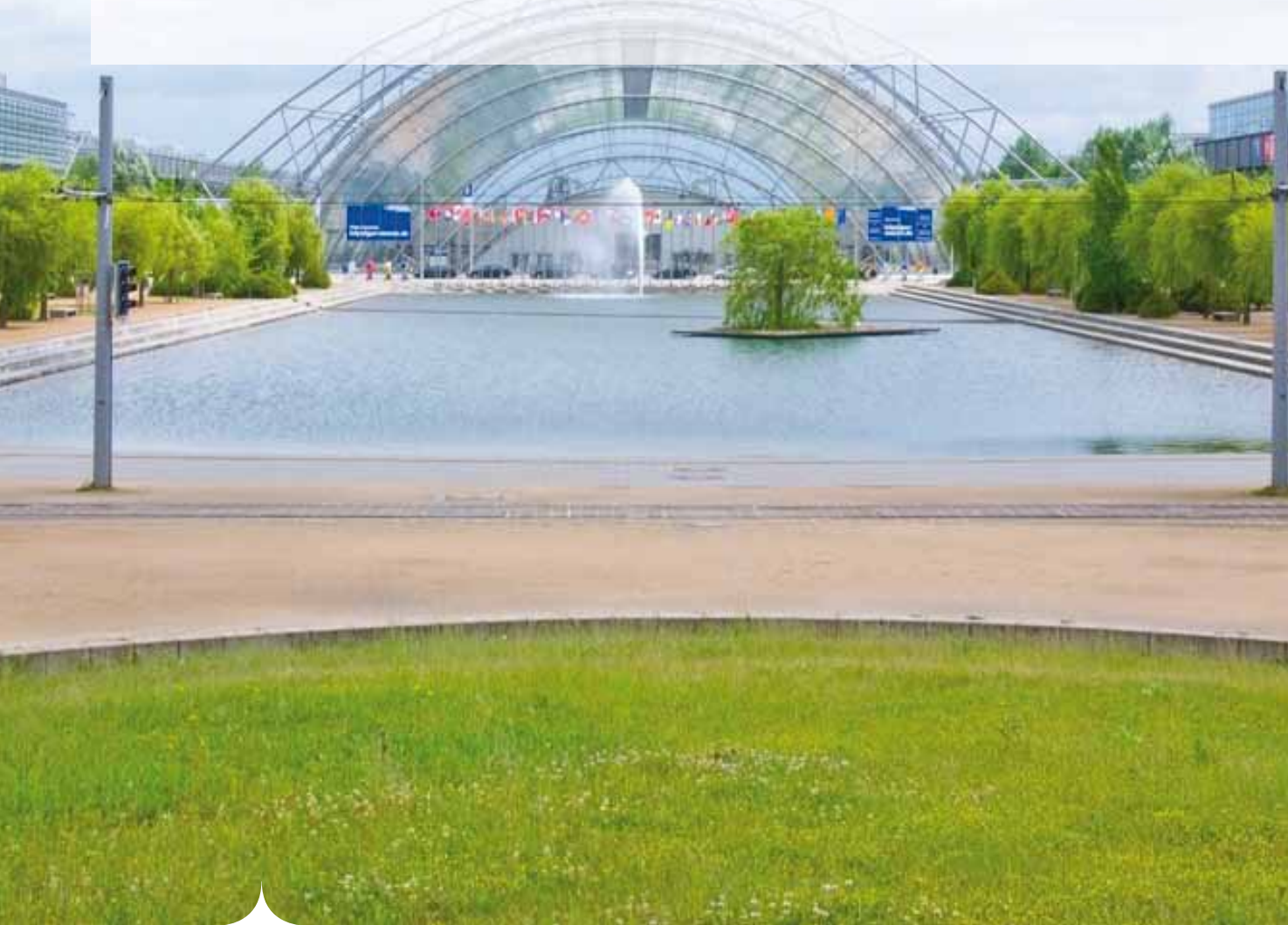
University Hospital of Leipzig, ENT-Department, Director of the IRDC

Prof. Strauss is specialist for ENT surgery and primarily specialized in otology, paranasal sinuses and skull base surgery. Since 1998 he has been Deputy Director of the Department of Ear, Nose and Throat Surgery at the University of Leipzig. His scientific work focuses on modern assistant systems in the operating theatre. He is Executive Board Member of the Innovation Center for Computer Assisted Surgery (ICCAS) of the medical department of the University Hospital Leipzig and director of the International Reference and Development Centre (IRDC) Leipzig. For several years Prof. Strauss has organised training courses for ENT surgery and is guest speaker at numerous international events.

LEIPZIG

Leipzig is well-known for its industrial fair, the Leipziger Messe. In fact, the first trade exposition was held in 1190, making Leipzig one of the world's oldest fair towns. It is also a cultural hub thanks to German composers Johann Sebastian Bach and Felix Mendelssohn Bartholdy who worked in the Saxon city.

In 1989 Leipzig Eastern German civil opposition started the so-called Monday Demonstrations, which became a public symbol of criticism of the political system and ultimately led to the collapse of the German Democratic Republic and the reunification of Germany. Today the city of 508,000 inhabitants is still famous as a trade fair town, as the site of Germany's second oldest universities, and as one of the country's greenest towns – approximately 50% of its is covered by parks, gardens or woods. The Leipzig University celebrates its 600th anniversary in 2009. One can visit many historic and very modern sites of this excellent scientific place.



SPONSORS

To carry out an event such as the Surgical Cockpit Training Course would not be possible without the support and contributions by the companies and organizations presented in the following listing. Their help is highly appreciated.

Universitätsklinikum Leipzig
Department for ENT-Surgery/Plastic Operations



UNIVERSITÄT LEIPZIG

Medizinische Fakultät

Innovation Center Computer
Assisted Surgery ICCAS



KARL STORZ GmbH & Co. KG
Tuttlingen, Germany



Bundesministerium für Bildung und Forschung
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Lehrstuhl für Mikro- und Medizingerätetechnik
MiMed an der TU München



MEDPLAN



H2O



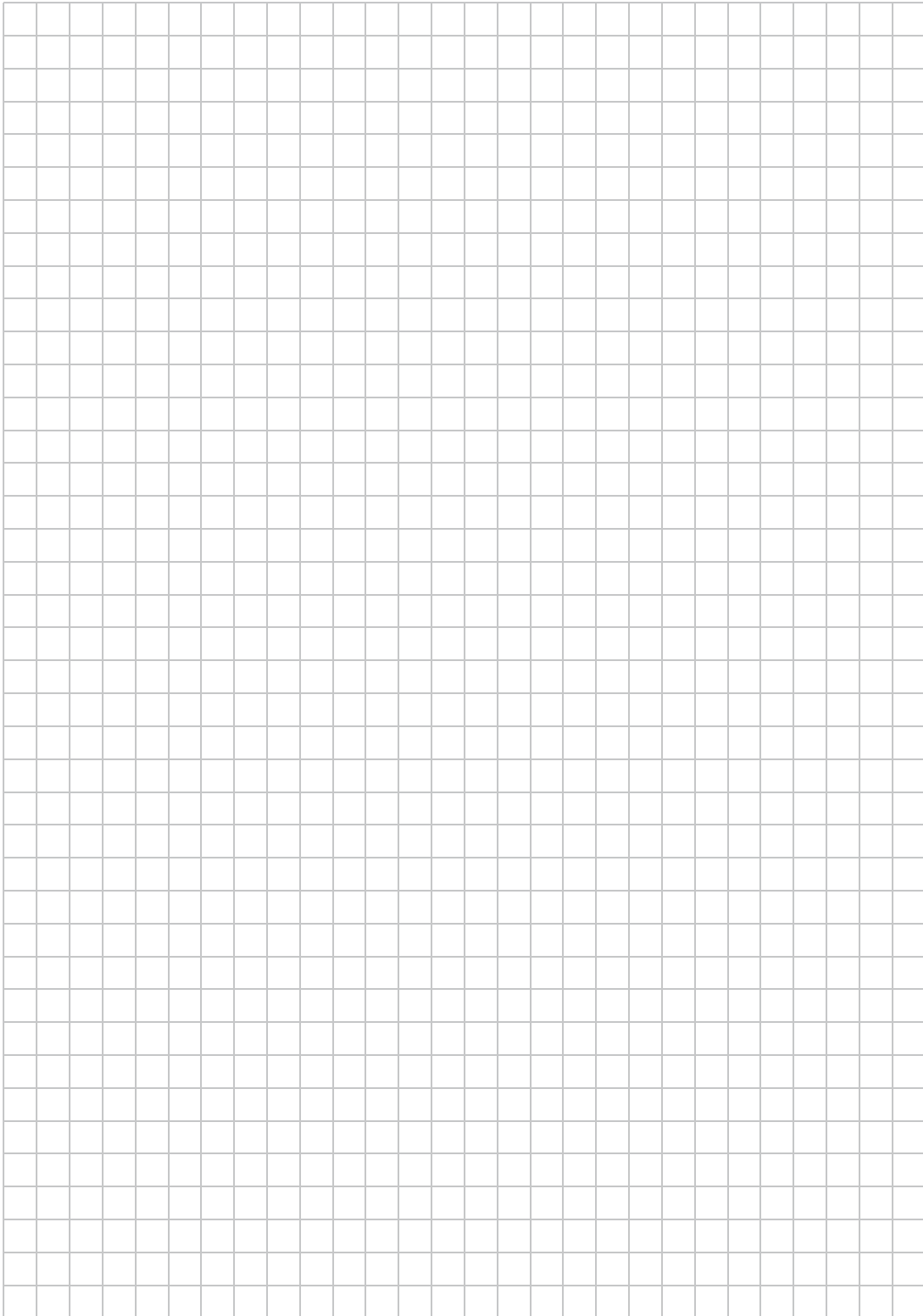
Trumpf

Siemens Enterprise Communication
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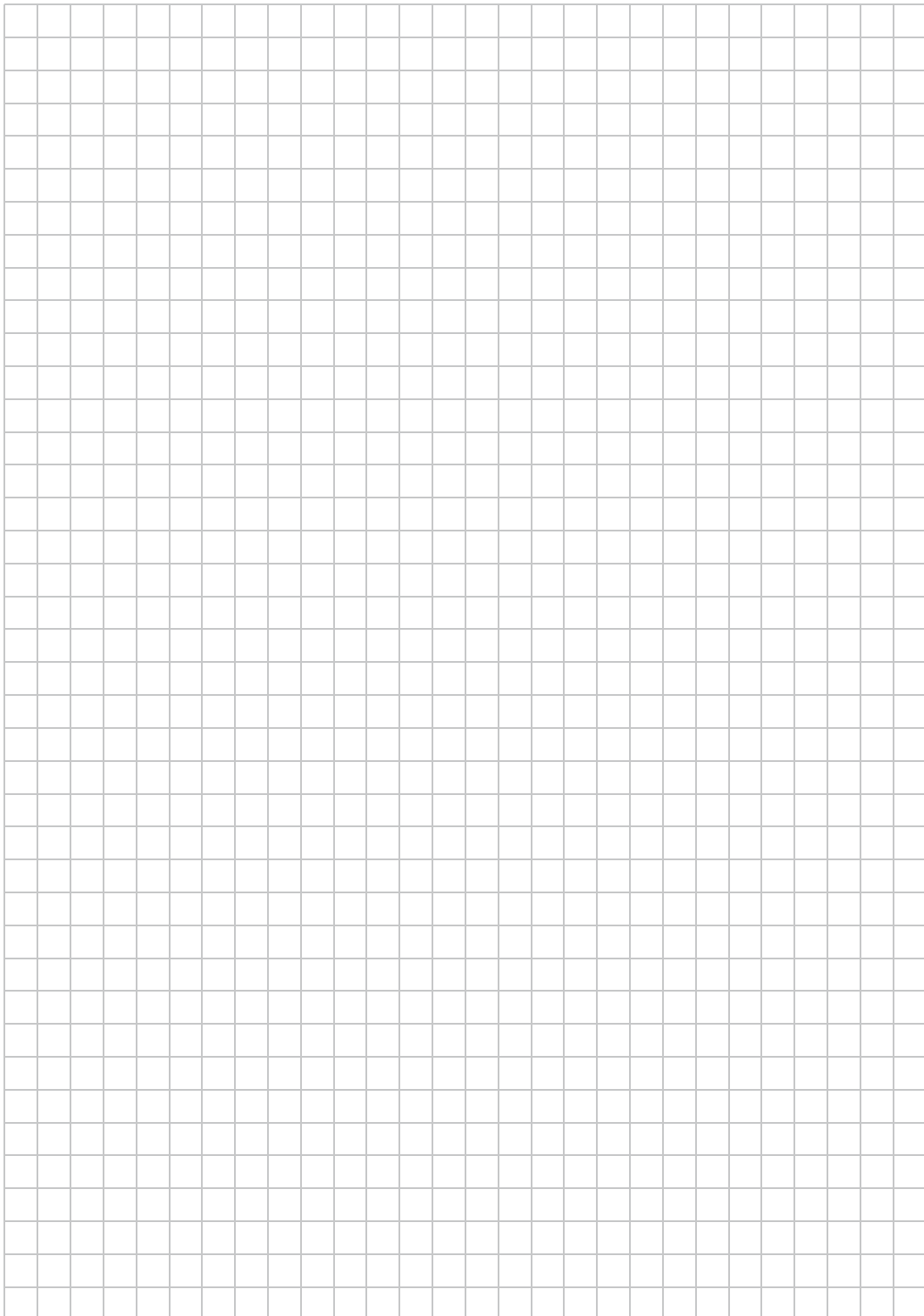
Zeiss



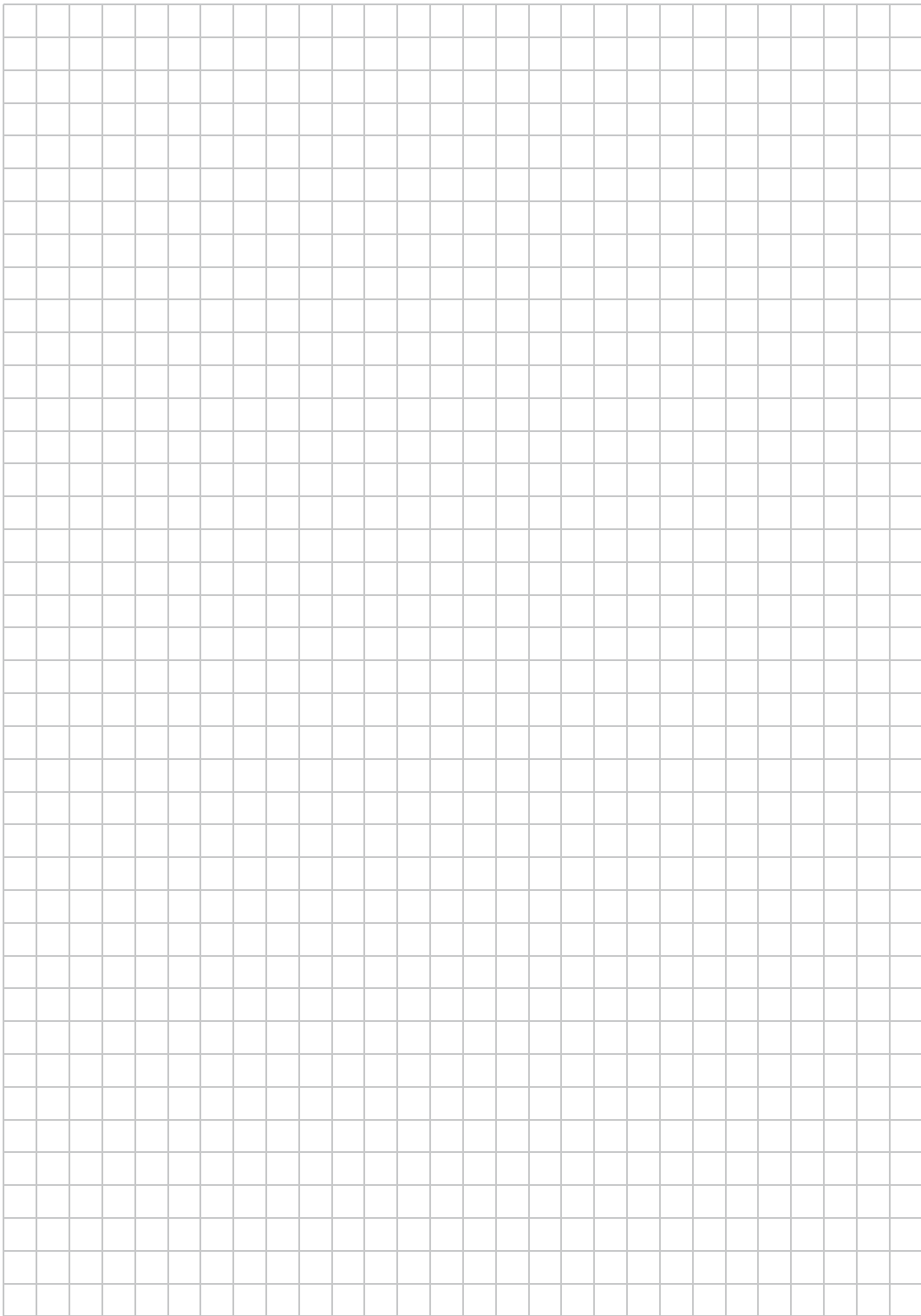
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IRDC GmbH
International Reference and Development Centre
for Surgical Technology supported by KARL STORZ

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04109 Leipzig, Germany

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Fax: +49 (0)341 - 33 733 163
E-Mail: info@irdc-leipzig.de
www.irdc-leipzig.de

REGISTRATION



International Reference and Development Centre for Surgical Technology, supported by KARL STORZ

Leipzig Training Course for ENT-surgery
Leipzig, Germany, 19th – 21st January 2012

Please complete the registration form and return it to:
Mrs. Iris Gollnick, Course Secretary

Tel.: 0341 33733 160
Fax: 0341 33733 163
E-Mail: i.gollnick@irdc-leipzig.de

Module FESS & Frontal Skull Base

- | | |
|--|------------|
| <input type="checkbox"/> Early Bird Registration until December 1 st | 600,00 EUR |
| <input type="checkbox"/> Registration after December 1 st | 650,00 EUR |
| <input type="checkbox"/> January 19 th "Automation for highest precision"
Porsche race car taxi driving event and factory tour | 100,00 EUR |

Name:

First Name:

Street:

Postal Code, City:

State:

Fon / Fax:

E-Mail:

Clinic/Institution:

B-Advanced Trainees (4-7 years):

C-Senior-Surgeons (>7 years):

Hotel reservation: yes no

Fax: 0341 33733 163

GENERAL BUSINESS TERMS

The present General Business Terms apply to all contracts concluded with IRDC GmbH regarding the organization of seminars. Upon registration, the participant consents to the organizer's General Business Terms.

§ 1 Registration

The number of participants is limited for every seminar in order to ensure adequate teaching of the curriculum. Potential participants may register for an event by mail, at the IRDC GmbH-website, by e-mail or by fax. Registrations will be processed and confirmed on a first-come-first-served basis. Registration is mandatory for the participant.

§ 2 Payment Terms

The participation fees include value added tax and will be due to the full amount 2 weeks after invoicing. In the case of registrations within 2 weeks before the start of the event, the participation fees will be due immediately, but by the latest on the first day of the event. The participation fees are to be credited to the account specified on the invoice.

Where payment of the participation fees is not effected punctually by the deadline the organizer will have the right to exclude the participant from the event, without releasing the participant from his payment duty.

§ 3 Switch to Different Seminar or Date

The participant may switch to a different seminar date or different seminar once. The change must be declared in writing to the organizer in accordance with § 126 BGB. A fax will be sufficient for compliance with the written requirements.

§ 4 Organizer's Right to Cancellation

1. A minimum of 10 participants is necessary for the seminar to take place. If the number of participants is less, the organizer will have the right to cancel or postpone the seminar by the latest 2 weeks before the start of the seminar.
2. In the case of short-term cancellations by instructors, the organizer reserves the right to have the seminar taught by a substitute. Where a substitute cannot be found in such a short period of time, the organizer reserves the right to cancel or postpone the seminar.
3. Participation fees already paid will be reimbursed where the seminar does not take place or the participant is not interested in the substitute date. Any claims going beyond this are excluded. This must be observed by the participant when booking air or rail travel tickets and hotel reservations.

§ 5 Cancellation by the Participant

1. Cancellation by the participant must be declared in writing to the organizer in accordance with § 126 BGB. A fax or e-mail will be sufficient for compliance with the written requirement.
2. Cancellation of the registration by the participant is only possible up to one week before the start of the event. In such a case, the organizer will charge a processing fee of 20% of the participation fee where no substitute participant has been provided. Thereafter, cancellation by the participant will be excluded.
3. Other rights of rescission or revocation are excluded, irregardless of the legal ground.
4. Where the participant discontinues participation in the event or in the case of a no-show by the participant, the total fees amount will be due. There is no claim to a refund for seminar days that were not attended.

§ 6 Seminar Material

The organizer's seminar material will be distributed in the seminar. In the case of non-participation there is no entitlement to advance or follow-up sending of the seminar material. The seminar material is protected by copyright and may not be reproduced or used commercially without the prior written consent of the organizer, not even excerpts from the material.

§ 7 Data Protection

The data necessary for registration and the proper organization of the seminar will be recorded and processed electronically (§ 33 BDSG). The data will be passed on only in compliance with the applicable data protection terms.

§ 8 Seminar Certificates

After completion of the seminar the participant will receive a certificate confirming successful participation. The participant is not authorized to make changes on the certificate or to use it in a misleading way.

§ 9 Choice of Law, Place of Performance, Jurisdiction

The laws of the Federal Republic of Germany will apply exclusively. The place of performance and jurisdiction is Leipzig.

§ 10 Final Provisions

Should individual terms of the above provisions be or become invalid this will not affect the validity of the remaining terms. The invalid terms are to be replaced by terms which come as close as possible to the economic purpose of the contract and the adequate preservation of the interests of both contracting parties.