INTERFACE – FOCUS ON HUMAN INDIVIDUAL IN THE AGE OF HIGH TECH MEDICINE AND TECHNOLOGY

93RD ANNUAL MEETING
German Society of Oto-Rhino-Laryngology, Head and Neck Surgery e.V., Bonn
Wednesday, May 25th – Saturday, May 28th, 2022
Convention und Congress Center, Deutsche Messe Hannover

16th International Forum
Thursday, May 26th – Friday, May 27th, 2022
16th International Forum
Thursday, May 26th – Friday, May 27th, 2022
Convention und Congress Center, Deutsche Messe Hannover

In conjunction with
93rd Annual Meeting of the German Society
of Oto-Rhino-Laryngology, Head and Neck Surgery e.V., Bonn

Joint Meeting with

President:
Prof. Dr. med. Dr. med. dent. Hans-Jürgen Welkoborsky, Hannover

Honorary President:
Prof. Dr. med. Dr. med. h. c. mult. Wolf J. Mann, Mainz

Honoured Guest Country:
Ukraine

INTERNATIONAL FORUM
– Joint Meeting with CEORL-HNS –
Round Table Discussion 5.30–7.00 p.m.
33.
Vestibular function and vestibular compensation in tumors of the lateral skull base
Moderators: S. K. Plontke, Halle/S. (DE); C. Meco, Ankara (TR)
Speakers:
Vestibular implant after lateral skull base tumors – promise or miracle?
R. van de Berg, Maastricht (NL)
Predictors of vestibular compensation after surgery for vestibular schwannomas
Z. Cada, Prague (CZ)
Preserved vestibular labyrinthine function after removal of intracochlear schwannoma
S. K. Plontke, Halle/S. (DE)
Vestibular compensation after removal of lateral skull base tumors
A. Ernst, Berlin (DE)

Break
2.30–3.30 p.m.
Nota bene: Sessions (in German) will be translated simultaneously in English

**Bio implants interdisciplinary**

Chair: H.-J. Welkoborsky, Hannover (DE); O. Guntinas-Lichius, Jena (DE); W. J. Mann, Mainz (DE)

**Explanation of the units (part 1)**

9. **Results and Quality of Life after Implantation of Active Middle Ear Implants**
   S. Lailach, T. Zahnert, Dresden (DE)

10. **Cochlear Implantation: Concept, Therapy Outcomes and Quality of Life**
    T. Lenarz, A. Illg, A. Büchner, Hannover (DE)

11. **Innovative Technologies for Optimized Artificial Vision**
    P. Walter, Aachen (DE)

12. **Outcome and Quality of Life after Individual Computer-Assisted Reconstruction of the Midface**
    N.-C. Gellrich, Hannover (DE)

– Discussion with the auditorium –

**Explanation of the units (part 2)**

14. **Patient Related Outcome and Therapy Effects in Stimulation Treatment of Sleep-Related Breathing Disorders**
    A. Steffen, Lübeck (DE)

15. **Vagus nerve stimulation for conservative therapy-refractive epilepsy and depression**
    H. Möbius, H.-J. Welkoborsky, Hannover (DE)

16. **Active and Passive Bioimplants for Vocal Fold Paralysis**
    A. Müller, Gera (DE)

17. **Patient Benefit and Quality of Life after Robot-Assisted Head and Neck Surgery**
    T. Hussain, Essen (DE)

18. **Human-Robot Interaction: Networked, Adaptive Machines in Medicine**
    H. Sadeghian, A. Naceri, S. Haddadin, München (DE)

– Discussion with the auditorium –
**Introductions**

8.00–10.00 a.m.

Prof. Dr. med., Dr. med. dent. Hans-J. Welkoborsky, Hannover (DE)
President of the German Society of Oto-Rhino-Laryngology, Head and Neck Surgery

Dr. James Denneney III, Alexandria (US)
CEO and Executive Vice-President of the American Academy of Otolaryngology, Head and Neck Surgery

Prof. Huang Zhigang, Shanghai (CN)
President of the Chinese Society of Otorhinolaryngology

Prof. Cem Meco, MD, Ankara (TR)
President of the Confederation of European Otorhinolaryngology Societies

**Round Table Discussion**

28. Endoscopic middle ear surgery

Moderators: S. Preyer, Karlsruhe (DE); J. S. Golub, New York (US)

Speakers:

- **Endoscopic Middle Ear Surgery – a new Milestone in the Surgical Treatment of Middle Ear Diseases**
  S. Preyer, Karlsruhe (DE)

- **Endoscopic middle ear surgery with new developed instruments – the Italian experience**
  M. Iemma, Salerno (IT)

- **Endoscopic surgery of cholesteatomas**
  P. Mir-Salim, Berlin (DE)

- **Endoscopic stapes surgery**
  J. S. Golub, New York (US)

- **Endoscopic Middle Ear Surgery with Combined Alternating Continuous Irrigation and Non-Irrigating Modes**
  S. Yang, Peking (CN)

**Break**

10.00–10.30 a.m.

---

This session will be recorded and will be available on demand for all congress participants in 2022 in the media library after the DGHNO Congress.
Thursday, May 26, 2022

INTERNATIONAL FORUM

– Joint Meeting with AAO-HNSF –

Moderator: M. L. Hinni, Phoenix (US)

Invited Lecture
29. Genetic molecular profiling and therapy for thyroid cancer – state of the art
M. Zafereo, Houston (US)

Round Table Discussion
30. Future of Tumor Surgery: do we need the robot?
Moderator: M. L. Hinni, Phoenix (US)
Speakers:
Management of the (un)known primary in the era of HPV
U. Duvvuri, Pittsburgh (US)
Robotic vs. laser surgery for oropharynx cancer: how to choose
T. Nagel, Cleveland (US)
Robotic-Assisted Surgery: What does the Future hold?
J. S. Magnuson, Orlando (US)
Robotic Neck Dissection and Robotic Thyroidectomy
R. B. Lira, Sao Paolo (BR)
Transoral Oropharyngeal Surgery: do we need a common alphabet?
A. de Virgilio, Rom (IT)

Break

This session will be recorded and will be available on demand for all congress participants in 2022 in the media library after the DGHNO Congress.
Round Table Discussion
31. Vascular anomalies: current concepts and cases

Moderator: U. W. Geisthoff, Marburg/Recklinghausen (DE)

Speakers:
- Overview and classification
  U. W. Geisthoff, Marburg/Recklinghausen (DE)
- Systemic therapy
  D. Adams, Philadelphia (US)
- Surgical therapy
  L. Boon, Brüssel (BE)
- The radiologic approach: sclerotherapy and embolization
  W. A. Wohlgemuth, Halle/S. (DE)

Break 2.30–3.30 p.m.
INTERNATIONAL FORUM

Round Table Discussion

32. Beyond the Pandemic – Restrictions and Opportunities for Science, Clinical Work and Medical Education across Europe, USA and Latin America

Moderators: C. Offergeld, Freiburg (DE); A. Neumann, Neuss (DE)

Speakers:
- COVID Pandemic: Limitations and Opportunities for Research, Patient Care and Education – the US perspective
  C. Hanba, M. Gapany, Minneapolis (US)
- Experience in Colombia during pandemic restrictions: how we face it in Otologic surgery
  J. A. Prieto, Bogotá (CO)
- Digital teaching and assessment of psychomotor skills during the Covid-19 Pandemic
  M. Neudert, Dresden (DE)
- Challenges in vaccine design and production in Latin America
  J. R. Sanchez de Santa Ana, Mexico City (MX)
- The Chilean Way
  J. Caro Letelier, Santiago de Chile (CL)
- Philadelphia: Beyond the pandemic – implications for the pediatric population
  K. Kazahaya, Philadelphia (US)
- Repercussion of the pandemic on Otorhinolaryngology care and teaching activities
  C. Escobar Sánchez, Murcia (ES)

Break 5.00–5.30 p.m.

This session will be recorded and will be available on demand for all congress participants in 2022 in the media library after the DGHNO Congress.
INTERNATIONAL FORUM

– Joint Meeting with CEORL-HNS –

Round Table Discussion

33. Vestibular function and vestibular compensation in tumors of the lateral skull base

Moderators: S. K. Plontke, Halle/S. (DE); C. Meco, Ankara (TR)

Speakers:

Vestibular implant after lateral skull base tumors – promise or miracle?
R. van de Berg, Maastricht (NL)

Predictors of vestibular compensation after surgery for vestibular schwannomas
Z. Cada, Prague (CZ)

Preserved vestibular labyrinthine function after removal of intracochlear schwannoma
S. K. Plontke, Halle/S. (DE)

Vestibular compensation after removal of lateral skull base tumors
A. Ernst, Berlin (DE)

This session will be recorded and will be available on demand for all congress participants in 2022 in the media library after the DGHNO Congress.
Round Table Discussion

206. Latest Developments in sleep disordered breathing

Moderators: M. V. Suurna, New York (US); B. A. Stuck, Marburg (DE)

Speaker: Pharmaceutical treatment of OSA
K. Yaremchuk, Detroit (US)

Treatment of OSA in challenging pediatric patients
S. Ishman, Cincinnati (US)

Wearable devices and applications for OSA
M. J. L. Ravesloot, Amsterdam (NL)

New possibilities in nerve stimulation for OSA patients
J. T. Maurer, Mannheim (DE)

Single Cell Atlas and Transcriptional Regulatory Heterogeneity of Human Adenoid T-Cells
S. Yin, Shanghai (CN)

Break 2.30–3.30 p.m.
INTERNATIONAL FORUM

Round Table Discussion
216. The future of sonography

Moderators: A. Bozzato, Homburg/S. (DE); L. A. Orloff, Stanford (US)
Speakers:

Sonography of the thyroid and beyond
L. A. Orloff, Stanford (US)

Therapeutic applications of ultrasound – State of the Art and perspectives
G. Ter Haar, London (UK)

Molecular Ultrasound Imaging and superresolution ultrasound – State of the Art and future perspectives
F. Kiessling, Aachen (DE)

Elastography and multimodal ultrasound in the differential diagnosis of salivary gland masses
N. Mansour, Freiburg (DE)

Invited Lecture
217. Surgical training – different educational programs in the world
W. B. Coman, Brisbane (AU)

Break 9.45–10.30 a.m.

Cross Reference: Saal 2 (Plenum)
Wullstein-Lecture 10.30–11.00 a.m.

This session will be recorded and will be available on demand for all congress participants in 2022 in the media library after the DGHNO Congress.
INTERNATIONAL FORUM

Round Table Discussion
218. Future aspects in the treatment of chronic rhinosinusitis and endoscopic sinus surgery

Moderator: C. S. Betz, Hamburg (DE)
Speakers:
- Long-term macrolide therapy for CRS
  N. N.
- Endoscopic surgery of inverted papillomas
  R. H. Kamel, Cairo (EG)
- Endoscopic sinus surgery in pediatric patients
  N. N.
- The future of endoscopic paranasal sinus surgery
  M. Onerci, Ankara (TR)
- Chronic rhinosinusitis in Asians
  Z. Liu, Wuhan (CN)

Break 12.00–1.00 p.m.
INTERNATIONAL FORUM
– Joint Meeting with AAO-HNSF –

Moderators: B. S. Bleier, Boston (US); H.-J. Welkoborsky, Hannover (DE)

Invited Lecture
219.  We are one – the global collaboration perspectives in ENT
J. C. Denneny III, Alexandria (US)

Round Table Discussion
220. Concepts of endoscopic orbital surgery

Moderators: B. S. Bleier, Boston (US);
H.-J. Welkoborsky, Hannover (DE)

Speakers:
- Workup and Patient Selection for Endoscopic Orbital Approaches
  S. K. Freitag, Boston (US)
- Endoscopic Approaches to the Extraconal Orbit (DCR, Orbital Decompression)
  M. R. Rabinowitz, Philadelphia (US)
- Endoscopic Intraconal Surgery
  B. S. Bleier, Boston (US)
- Transorbital Neuroendoscopic Surgery (TONES)
  K. S. Moe, Seattle (US)
- Neurosurgical perspectives on Endoscopic Orbital surgery
  T. Lyson, Bialystok (PL)

Break

This session will be recorded and will be available on demand for all congress participants in 2022 in the media library after the DGHNO Congress.
Friday, May 27, 2022

INTERNATIONAL FORUM

– Joint Meeting with AAO-HNSF and CEORL-HNS –

Moderators: M. Bernal-Sprekelsen, Barcelona (ES); Z. Gao, Beijing (CN)

Invited Lecture

221. Cancer microenvironment and epithelial-stroma interaction in head and neck cancer
    J. Plzak, Prague (CZ)

Moderators: M. Bernal-Sprekelsen, Barcelona (ES); Z. Gao, Beijing (CN)

Round Table Discussion

222. Endoscopic Skull Base Surgery

Speakers: Expanded endoscopic approaches to the skull base
M. Bernal-Sprekelsen, Barcelona (ES)

Endoscopic surgery for skull base malignancies
E. Y. Hanna, Houston (US)

Endoscopic repair of cerebrospinal fluid (CSF) leaks
C. Meco, Ankara (TR)

Vestibular schwannomas – minimally invasive endoscopic and endoscopy assisted surgery, radiation or wait and see?
M. Chovanec, Prague (CZ)

Endoscopic investigations of inner ear invasion by cholesteatoma and other masses
M. Hoa, Washington (US)

Break 5.00–5.30 p.m.

Mediathek

This session will be recorded and will be available on demand for all congress participants in 2022 in the media library after the DGHNO Congress.
INTERNATIONAL FORUM

– Joint Meeting with CEORL-HNS –

Round Table Discussion

223. Modern trends in the management of tumorous and non-tumorous lesions of the salivary glands

Moderators: J. Plzak, Prague (CZ); J. Zenk, Augsburg (DE)

Speaker:

- Modern management of recurrent pleomorphic adenomas
  V. Vander Poorten, Leuven (BE)
- Current trends in the treatment of Warthin’s tumors
  M. Zabrodsky, Prague (CZ)
- Minimally invasive fragmentation and extraction of sialoliths under sonographic control
  U. W. Geisthoff, Marburg/Recklinghausen (DE)
- Stenosis and stenosis-like lesions in the salivary gland ducts: Detailed clinical and sialendoscopy-based analysis and management
  M. Koch, Erlangen (DE)

End of the International Program

You are kindly invited to follow the (German speaking) program until Saturday, May 28, 2022, 4.30 p.m. Please find the conference program here.
### Congress Fee – 93rd Annual Meeting 2022

<table>
<thead>
<tr>
<th>Congress Ticket (all days)</th>
<th>Registration until May 10, 2022</th>
<th>Registration from May 11, 2022</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Members</strong>*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Participants (regular)</td>
<td>260 €</td>
<td>310 €</td>
</tr>
<tr>
<td>Reduced Fee: Medical staff/Retirees</td>
<td>190 €</td>
<td>230 €</td>
</tr>
<tr>
<td><strong>Non-Members</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Participants (regular)</td>
<td>360 €</td>
<td>435 €</td>
</tr>
<tr>
<td>Reduced Fee: Medical staff/Retirees</td>
<td>235 €</td>
<td>285 €</td>
</tr>
<tr>
<td><strong>Medical Students</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Certificate required</td>
<td>Free of charge</td>
<td>Free of charge</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Day Ticket</th>
<th>Thu., May 26, 2022</th>
<th>Fri., May 27, 2022</th>
<th>Sat., May 28, 2022</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Members</strong>*</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Participants (regular)</td>
<td>120 €</td>
<td>140 €</td>
<td></td>
</tr>
<tr>
<td>Reduced Fee: Medical staff/Retirees</td>
<td>95 €</td>
<td>115 €</td>
<td></td>
</tr>
<tr>
<td><strong>Non-Members</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Participants (regular)</td>
<td>160 €</td>
<td>180 €</td>
<td></td>
</tr>
<tr>
<td>Reduced Fee: Medical staff/Retirees</td>
<td>125 €</td>
<td>145 €</td>
<td></td>
</tr>
</tbody>
</table>

### Terms of Cancellation / Rebooking

<table>
<thead>
<tr>
<th>Cancellation</th>
<th>until May 10, 2022</th>
<th>from May 11, 2022</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>50% of the Congress Fee</td>
<td>100% of the Congress Fee</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Rebooking</th>
<th>Congress Ticket into Day Ticket</th>
<th>Day Ticket into Congress Ticket</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>15 € Handling Charge</td>
<td></td>
</tr>
</tbody>
</table>

*For new members (admitted in 2022) the membership discount on the congress fee is not applicable, when the membership will be terminated before December 31, 2022. The difference has to be paid retroactively.*

If you wish, you can also book a congress ticket at a price of 11 €. This allows you to travel on all public transport in the Greater Hanover Area (GVH tariff area) for the period from 25 to 28 May 2022.
Details / Information for Participants

Organisation: German Society of Oto-Rhino-Laryngology, Head and Neck Surgery

COCS GmbH – Congress Organisation C. Schäfer
Martina Wiederkrantz
Tal 12 · D-80331 München
Phone: +49 (0) 89/89 06 77-0 · Fax: +49 (0) 89/89 06 77-77
E-Mail: martina.wiederkrantz@cocs.de · Website: www.cocs.de

President: Prof. Dr. med. Dr. med. dent. Hans-J. Welkoborsky

Congress Venue: Convention und Congress Center
Deutsche Messe Hannover
Messegelände · D-30521 Hannover

Registration Area: Registration area at the main entrance of hall 7.

Opening hours:
Wednesday, May 25, 2022: 2.00 p.m. - 6.00 p.m.
Thursday, May 26, 2022: 7.00 a.m. - 7.15 p.m.
Friday, May 27, 2022: 7.00 a.m. - 7.15 p.m.
Saturday, May 28, 2022: 7.30 a.m. - 4.45 p.m.

Phone: +49 (0) 511/89 40 4000

Registration - Early Bird until May 10, 2022:
The Early Bird Registration is available [online](#)

Congress Kindergarten: HNO-Kids
For children aged 2 to 12, day care will be offered during the 93. Annual Meeting.
The day care is free of charge for children of congress participants.

Reservation (by email to martina.wiederkrantz@cocs.de) is highly recommended to guarantee the child’s admission. Any vacant spots may also be assigned on-site.
Social Program during the Congress for International Guests

For booking the social Program please register online

Wednesday, May 25, 2022

Nota bene: Session will be translated simultaneously in English

4.00 - 6.30 p.m. Opening Ceremony for the 93. Annual Meeting
The President cordially invites you to the ceremonial opening event.

Venue: Room 2 (Plenum), Convention und Congress Center

Entry: free (Registration necessary)

6.30 - 7.30 p.m. President’s Reception
Following the opening ceremony, you are cordially invited to an informal get-together in the Foyer of the Convention und Congress Center.

Venue: Foyer, Convention und Congress Center

Entry: free (Registration necessary)

7.00 p.m. Opening Party sponsored by ATMOS MedizinTechnik
Following the reception, we would like to celebrate the congress opening party with you. Food and beverages are offered.

Venue: Foyer, Convention und Congress Center

Entry: free (Registration necessary)
Drinks and food are partly on a self-paid basis
Social Program during the Congress for International Guests

Thursday, May 26, 2022

8.00 p.m. – 11.00 p.m.  Social Evening in the Kuppelsaal

The historic domed hall, which is also the largest classical concert hall in Germany, was built in 1914 and provides a very special backdrop for our social evening. Only about ten minutes by car from the Hanover Trade Fair, we experience a relaxed evening with colleagues and friends from the ENT in a historical ambience.

Venue:  Kuppelsaal at HCC
          Theodor-Heuss-Platz 1-3 · 30175 Hanover

Parking:  The paid parking garage right next door is open around the clock (Schillstraße 1 · 30175 Hanover)

Public Transport:  Take tram line 11 in the direction of Hannover Zoo, get off at Theodor-Heuss-Platz

Program:  7.30 p.m.: reception
          8.00 p.m.: start menu

Admission:  80 € regular
            50 € reduced for Assistant Doctors
            (with membership in the DGHNO)

Sponsored by:  otopront  MED e-EL  SPIGGLE & THEIS

Atos    FAH
Thursday, May 26, 2022

10.00 p.m. – 3.00 a.m.  **Late-Night Party in the upper round foyer of the Kuppelsaal**

Guests who are not attending the social evening are also very welcome. From 10 p.m. the ENT Late Night Party will start in the upper foyer of the Kuppelsaal. Those who urgently need exercise after dinner now have the opportunity to do so. DJ Marc will provide the right atmosphere.

**Venue:** Kuppelsaal at HCC  
Theodor-Heuss-Platz 1-3 · 30175 Hanover

**Parking:** The paid parking garage right next door is open around the clock (Schillstraße 1 · 30175 Hanover)

**Public Transport:** Take tram line 11 in the direction of Hannover Zoo, get off at Theodor-Heuss-Platz

**Admission:** from 10 p.m.

**Entrance fee:** 12 € (free of charge for guests of the social evening)
Friday, May 27, 2022

10.00 p.m. – 3.00 a.m.  **Late Night Party at Leinhausen Station**

An authority in Hanover: where trains used to arrive and depart, an unique event location has now been created. This is a great place to party! The listed building is now available to us as an exclusive party location and the DJs Olaf and Orlando provide the right songs for an exuberant party feeling.

**Venue:**  
Bahnhof Leinhausen  
Herrenhäuser Straße 126 · 30419 Hanover

**Public Transport:**  
Exit at tram stop „Leinhauser Bahnhof“ for tram lines 4 and 5 in the direction of „Stöcken“ or „Garbsen“

**Entrance fee:**  
15 €

**Sponsored by:**  
[FAHL]