



Academy of
Hearing Acoustics

International Summer Academy 2019

Lübeck, Germany



WELCOME TO THE ACADEMY

The Academy of Hearing Acoustics is the world's largest school for hearing acoustics, a unique center of competence for hearing aid professionals and audiologists. Being the heart of our field, all apprentices in these professions in Germany attend the academy for their mandatory system independent training courses. Also, the academy provides facilities and logistics to the National Vocational School.

The forward-looking dual concept of vocational training, our state-of-the-art technical equipment as well as the interdisciplinary working methods enjoy worldwide reputation.

In addition to master craftsmen courses, advanced level courses and continuing training, the academy opens its doors once a year and invites experts for hearing

from all over the world to attend the International Summer Academy.



INTERNATIONAL SUMMER ACADEMY



Academy of Hearing Acoustics

THE ACADEMY: FACTS AND FIGURES

Largest training facility for hearing aid professionals in the world:

- founded 1972, grown to 25,000 m² of modern campus
 - 120 teachers and lecturers and more than 100 experienced professionals as regular guest lecturers
 - 3,200 apprentices, 370 master of crafts students, 240 participants of advanced certificate currently enrolled
 - 40 classrooms, 16 laboratories, 56 fitting and audiometry rooms, 7 ear mould laboratories with CAD and 3D-printing capabilities
 - 7 boarding houses with more than 1,000 beds offering accommodation and full board in the dining hall
 - more than 800 journeyman degrees awarded every year, largest graduation ceremony in Germany
 - cooperations with more than 30 countries, including China, Turkey, Qatar, Jordan and Romania
- world's largest collection of hearing aids from the 18th century up to modern times
 - investments of over 60 million Euro by the federal guild of hearing aid professionals (biha), supported by federal and state governments
 - 3 hearing aid magazines for education and training, stocked with the newest models from all manufacturers

THE INTERNATIONAL SUMMER ACADEMY

The afh Summer Academy, a one of a kind event, has become an acknowledged meeting of international experts in hearing and important point of contact. Guests from more than 30 different nations have met in Lübeck over the past ten years.

Accomplished experts from the Academy and the private sector come together to share their

knowledge on select topics. They offer practical training based on the respected German standards – via active practice with real patients and using state-of-the-art equipment available at the Academy.

Hearing aid professionals, audiologists and ENT doctors all profit from this profound training and practical experience.

Networking and intercultural exchange are given ample room to facilitate international professional connections.



COURSE OVERVIEW

Basic Course:

Hearing Aid Fitting

August 12th to 16th, 2019

- for everyone selling or fitting hearing aids
- with little or no formal training completed
- focus on practical training

Participant fee: 1,550€

Advanced Course:

Pediatric Hearing Care

August 19th to 23rd, 2019

- for Hearing Aid Professionals, Audiologists, ENT professionals
- working knowledge in hearing aid fitting required
- focus on pediatric features

Participant fee: 1,850€

The International Summer Academy includes:

- all course lessons by audiologists and experienced professionals
- practical exercises with patients
- course material on paper and as digital download
- comprehensive web based training on the theoretical basis in advance of the course
- group lunch at the academy cafeteria
- snacks and beverages
- evening events: casual dinner and guided city tour

VENUE

Academy of Hearing Acoustics
Bessemerstraße 3
23562 Lübeck
Germany

Convenient Location

15 min from Lübeck Airport

1 hr from Hamburg Airport

10 min from Lübeck Central Train Station

10 min from Motorway A1/A20, Exit Lübeck-Genin

Contact us for recommended accommodations.

We can support your visa application with an invitation letter after your registration.

For assistance with your visa process and all other inquiries please contact:

Academy of Hearing Acoustics
International Office
international@afh-luebeck.de
+49 451 5029 170

REGISTRATION

Deadline for registration:
May 31st, 2019



BASIC COURSE:

Hearing Aid Fitting

August 12th to 16th, 2019



A practice-oriented training is essential to an accurate and successful hearing aid fitting. This one-week course focuses on providing practical knowledge required by all those working in local specialized shops.

The Basic Course targets any person working in the field of hearing aid fitting without having received special training or wishing to refresh or deepen their practical skills.

The training takes place in small groups with patients.

Theoretical background will be provided or refreshed in a mandatory web based training prior to the practical course in Lübeck.

Both webinars and a discussion forum provide online support and direct access to the lecturers.

BASIC COURSE TOPICS

The practical training includes

- client communication and counselling, history and needs assessment
- otoscopy, impression taking, ear moulds and acoustical coupling
- audiometry practical basics: AC/BC/masking
- hearing instrument technology, listening checks and troubleshooting
- assistive listening devices
- hearing instrument fitting and fine tuning
- subjective evaluation and validation
- professional work practices

The web based training provides fundamentals of

- medicine and anatomy of the ear
- psychology
- audiology

Login credentials will be provided after registration.

PROGRAMME

Monday August 12th

9:00 – 10:00

10:00 – 11:00

11:00 – 12:00

12:00 – 13:00

13:00 – 14:00

14:00 – 15:00

15:00 – 16:00

16:00 – 17:30

Evening Activities

Start: 10:30 Welcome Address

Course Information

Basics of Hearing Aid Fitting

Group Lunch

Client Communication

Case History Interview

Patient Needs Assessment

Casual Dinner with Participants
and Lecturers

Tuesday August 13th

Audiometry AC/BC and Masking

Exercises with Patients I

Speech Audiometry I

Exercises with Patients II

Group Lunch

Hearing Instrument Technology

Hearing Aid Features

Listening Checks and Trouble-
shooting Exercises

Joint City Tour through the Hanse
town of Lübeck

Wednesday August 14th

Otoscopy & Hygienics

Impression Taking I

Impression Taking II

Manufacturing Ear Mould Blanks

Group Lunch

Ear Mould Types and Acoustic Effects

Ear Moulds vs. Domes

Milling and Drilling Exercises

Free Time – We gladly recommend sights or activities.

Thursday August 15th

Fitting Basics

Exercises with Patients I

Exercises with Patients II

Fine Tuning and Verification

Group Lunch

Verification Exercises

Repetition

Written Exam

Free Time

Friday August 16th

Subjective Evaluation

Evaluation Exercises

Assistive Listening Devices

Assistive Listening Devices Exercise

Group Lunch

Exam Results and Certificates

Feedback and Farewell

End: 15:00



ADVANCED COURSE:

Pediatric Hearing Care

August 19th to 23rd, 2019



This five day Advanced Course focuses on increasing practical knowledge in the field of hearing aid fitting for infants and young children.

The pediatric course is designed for any professional who is already working with adults and would like additional training on the unique aspects of pediatric hearing aid fitting.

The introduction and advancement of newborn hearing screening programs increases the number of children diagnosed with hearing loss as

infants and creates a need for special skills and processes for working with these patients and their families.

These practical skills will be trained in small groups with real patients. Theoretical background will be provided or refreshed in a mandatory web based training prior to the practical course in Lübeck.

Both webinars and a discussion forum provide online support and direct access to the lecturers.

ADVANCED COURSE TOPICS

The practical training includes

- pediatric assessment and diagnosis: Tympanometry, OAE and ABR
- behavioral assessment: BOA, VRA and CPA
- the pediatric ear mould and impression taking
- hearing aid fitting and verification, RECD and REM measurements
- hearing aid features and fitting considerations for children
- assistive listening devices
- family-centered care: working with parents
- evaluation and validation
- multidisciplinary teamwork
- case studies

The web based training provides fundamentals of

- pediatric diagnosis and assessment
- hearing aid fitting and verification
- family-centered care, validation

Login credentials will be provided after registration.

PROGRAMME

Monday August 19th

9:00 – 10:00

10:00 – 11:00

11:00 – 12:00

12:00 – 13:00

13:00 – 14:00

14:00 – 15:00

15:00 – 16:00

16:00 – 17:30

Evening Activities

Start: 10:30 Welcome Address

Course Information

Basics of Pediatric Hearing Care

Group Lunch

Physiological Measurements

Oto-Acoustic Emissions Exercise

ABR & Emittance Exercise

Casual Dinner with Participants
and Lecturers

Tuesday August 20th

The Working Audiogram

Audiometry for Infants

Audiometry Exercises

Group Lunch

Practical Exercises with Children I

Practical Exercises with Children II

Case Studies: Infant Audiometry

Joint City Tour through the Hanse
town of Lübeck

Wednesday August 21st

Ear Impressions on Infants

Exercises: Impressions

Practical Aspects of Ear Moulds

Impression and Mould Materials

Group Lunch

3D Design of Ear Moulds

CAD Exercises

Tour of the Academy

Free Time – We gladly recommend sights or activities.

Thursday August 22nd

Real Ear measurements and RECD

Exercises with Patients I

Family Counseling

Exercises with Parents

Group Lunch

Hearing Aid Features for Children

Repetition

Written Exam

Free Time

Friday August 23rd

Interdepartmental Cooperation

Assistive Listening Devices

Verification of Fitting Results

Verification Exercises

Group Lunch

Exam Results and Diploma
Feedback and Farewell

End: 15:00



CERTIFICATE

Your successful participation gets certified



TESTIMONIALS

*“ The afh is a role model.
It excels in teaching what is
necessary to get the job done. ”*

Karin Prien, Minister of Education,
Science and Cultural Affairs,
State Government Schleswig-Holstein

*“ Working with real patients
made me really understand
what good hearing care is about. ”*

Alberto Avila, Salta, Argentina

*“ The lecturers were
caring for us and
were always at hand. ”*

Fernanda Dutra Barros,
Sao Paulo, Brazil

*“ It was great meeting
people from so many
educational backgrounds.
We had very insightful
discussions over lunch. ”*

Yi Ling, Singapore

*“ It really is a win-win situation: everyone
learns from each other, inspires the other
participants and last but not least, we all have
fun together with this ‘multi-cultural audiology mix’. ”*

Guest lecturer Barbara Münch, Audiology and Product
Education Manager of Sonova AG, Switzerland

“ The equipment at the Academy is really state-of-the-art. I was able use the same equipment that I have in my shop. ”

James Durden, Leeds, UK

“ I have gained so many practical insights, which I will apply as soon as I am back at home. ”

Mats Lund, Trelleborg, Sweden

“ Excellent and thoughtfully organized. ”

Zhi Ruo, Shanghai, China

“ It was an excellent week in Germany. Thank you once more for all the information and knowledge we got on course. I am glad having met you all – people from all over the world! ”

Kathrine Taylor, Cincinnati, USA

“ This summer academy gets five out of five stars. ”

Patanjali Chadda, Kolkata, India

LÜBECK

Work and learn where others spend their holidays! Lübeck counts among the top destinations in the tourism state of Schleswig-Holstein. The Hanse town with its charming historic center and its manifold leisure activities is an ideal location. Popular are its marzipan, the Holstentor, the Buddenbrooks house, and of course: the Baltic Sea. Many bigger and smaller seaside resorts are just a stone's throw away.



CONTACT

Contact our international office for inquiries and reservations.

We can recommend accommodations and support your visa application with an invitation letter after your registration. For assistance with your visa process and all other inquiries please contact:

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