



















Schweizerische Gesellschaft für Oto-Rhino-Laryngologie, Hals- und Gesichtschirurgic Societé suisse d'Oto-Rhino-Laryngologie et de Chirurgie cervico-faciale Società Svizzera di Otorinolaringoiatria e di Chirurgia cervico-facciale

Abstract Deadline 12.02.2017

13th Congress of the **European Federation of Audiology Societies** 

June 7 - 10, 2017

Congress Centre Kursaal Interlaken | Switzerland www.efas2017.org







# DISCOVER INTERLAKEN...

It's not unusual for a town to be on a river, lake or an ocean. But for it to sit between two lakes may well be unique. Interlaken - between Lake Thun and Lake Brienz - can boast such a privileged position. And there's more. Interlaken is also in the heart of the magnificent Jungfrau region mountain world and affords views of the world-famous icy icons, the Eiger, Mönch & Jungfrau.





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Online Registration: www.efas2017.org





### Welcome

## Dear Colleagues and Friends,

With great enthusiasm the organizing committee announces the most important European event for audiology societies: The 13th EFAS Congress 2017, which will take place from June 7-10, 2017 in Interlaken/Switzerland, the popular Swiss resort town between lake Thun and lake Brienz, in the heart of the magnificent Jungfrau region mountain world.

The rich four day congress program includes oral and poster presentations plus free papers covering the most current topics in audiology, as well as workshops, excellent plenary sessions and lectures with distinguished international scientists.

On the occasion of this 13th EFAS Congress 2017, we are honored to invite you to Interlaken. Your stay in Switzerland's Bernese Oberland will definitely be a marvelous and inspiring experience!

Prof. Martin Kompis MD, PhD

M. Forgini

Congress President

Dr. Theresa Pitt, Au.D., M.Sc., F.I.S.H.A.A.

EFAS Chairperson

Therewas Pitt

### About EFAS

The European Federation of Audiology Societies, EFAS, is a non-profit organization, formed as a federation of national audiology societies in the European countries founded about 20 years ago. The main scope of EFAS is to promote better educational and professional liaison in European audiology, in both the academic and practical spheres. This includes grants and scholarships for young audiology students to enable them to travel, learn and promote interchange with institutions in other countries. EFAS also develops collaboration through EFAS Working Groups which help to promote important underlying and unifying educational, screening and diagnostic audiology principles across Europe.

#### Mission Statement of EFAS

The scope of EFAS is to promote cooperation, exchange of experience and knowledge of audiology within Europe, both as a scientific field and as a hearing health service offered to the public. EFAS may also act as a common spokesman for European audiology in relation to other organizations.

#### We aim to:

- Provide guidelines for education in Audiology (in relationship to the Bologna process)
- Provide guidelines for the quality of service delivery
- Provide the possibility of exchange and dissemination of knowledge
- Promote the visibility and leverage of Audiology to policy makers

# **EFAS Honorary Officers**

Chairman: Theresa Pitt, IR

 $\label{thm:constraint} \mbox{Vice Chairman: Françoise Sterkers-Artières, FR}$ 

Past Chairman: Jan Wouters, BE General Secretary: Birger Kollmeier, DE

Treasurer: Martin Kompis, CH

^			
Genera	L	into	rmation

From Wednesday June 7, 2017

to Saturday June 10, 2017

Venue Congress Centre Kursaal Interlaken

Strandbadstrasse 44 CH - 3800 Interlaken Phone: +41 (0)33 827 61 00

Website www.efas2017.org

Patronage Swiss Society of Oto-Rhino-Laryngology, Head and Neck Surgery

Congress President Martin Kompis **EFAS Chairperson** Theresa Pitt

Local organizing Marco Caversaccio Markus Huth committee

> Martin Kompis Georgios Mantokoudis **Eberhard Seifert**

Wilhelm Wimmer

Local scientife Daniel Bodmer committee

Hanna Brockmeier Claudia Candreia Norbert Dillier Tobias Kleinjung Wai Kong Lai Florian Lang

Thomas Linder Raphael Maire

Angelica Perez Fornos

Flurin Pfiffner Céline Richard Christof Röösli Jochen Rosenfeld Pascal Senn Christof Stieger Dorothe Veraguth Dominique Vibert Mattheus Vischer

#### General information

**EFAS** representatives and chairs of structured sessions

Joachim Müller Antonia Angulo Jerez Ahmet Atas Elania Pace Balzan Michael Akeroyd Christine Petit Theresa Pitt Susan Arndt Milan Profant Joseph Attias

Anamarija Šimunĉić Veselić Shelly Chadha

Huw Cooper Einar Sindrason René Dauman Ad Snik Stefan Debener Wim Soede Tom Francart Sanja Spiric Madalina Georgescu Kurt Stephan

József Géza Kiss Françoise Sterkers-Artières Tatiana Golubok-Abyzova Wieslaw J. Sulkowski

Deborah Hall Josef Syka

George A. Tavartkiladze Ligija Kise

Tobias Kleinjung Inger Uhlen Jukka Kokkonen Ingrida Uloziene Birger Kollmeier Isabel Varela-Nieto Jagoda Vatovec Martin Kompis Arne Vik Katrin Kruustyk Janusz Wajn Alessandro Martini Jorge Humberto Martins Jan Wouters

John Xenelis

Branka Mikic Tobias Moser

Congress secretariat

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congress@imk.ch | www.imk.ch

#### General information

## Registration Online via efas2017.congress-imk.ch

(ir	Congress fees Swiss Francs, CHF)	All days June 7–10, 2017	Day Pass Wed-Thurs, June 7-8, 2017 Fri, June 9, 2017	Day Pass Sat, June 10, 2017
	Regular	530*   630	250*   300	120*   170
	Students (Undergraduate)	130*   230	60*   110	30*   80

<sup>\*</sup> Early Bird fees are valid until April 10, 2017.

Tickets for accompanying persons (refer to website for more information)	210
Networking Dinner	120

Welcome reception June 7, 2017, from 19:00

Networking Dinner June 9, 2017, Harder Kulm Panorama Restaurant | Top of Interlaken.

Tickets can be purchased while registering online. We recommend to book early as places are limited.

Cancellation policy All cancellations must be made in written form to the administrative

secretariat.

Cancellations received up to April 10, 2017: 50% refund

Cancellations after April 11, 2017: no refund

Confirmation of

The participants will receive a confirmation of participation by email

participation after the congress.

Credits An application will be made to the SGORL and EACCME® for CME

accreditation of this event.

Language The official congress language is English.

Slides and presentations have to be in English.

Abstracts have to be in English

Abstract submission and publication

Abstracts can be submitted online for posters or oral presentations.

www.efas2017.org | Deadline: February 12, 2017

Please refer to the congress website for submission instructions and

quidelines.

Accepted abstracts will be published in a supplement issue of the

Journal of Hearing Science (JHS).

#### Directions and venue

#### Interlaken

Interlaken is a small city in the Bernese Alps. It is situated nicely between mountains and two lakes. Nevertheless, it can be reached easily within 40 minutes by train from Bern and has direct train connections e.g. to Berlin and Frankfurt. Bern Airport is close and the airports of Zurich, Basel and Geneva can be reached by train.

(Find out more about the town on the official website www.interlaken.ch/en).





#### Venue

The venue of the EFAS congress 2017 is the Congress Centre Kursaal Interlaken. It is located in the centre of Interlaken and most hotels are within walking distance.

Congress Centre Kursaal Interlaken Strandbadstrasse 44 CH – 3800 Interlaken

Phone: +41 (0)33 827 61 00

The Congress Centre Kursaal Interlaken is a complex of historical buildings featuring a modern infrastructure. The venue is surrounded by a wonderful park.





#### Accommodation

#### Hotel reservation

The Interlaken Congress & Events AG recommends you to make your reservation early in order to have an unlimited choice of hotels. You can make your hotel reservation quickly and easily online via the congress website.



# **Networking Event**

Friday, June 9, 2017

## Harder Kulm Panorama Restaurant | Top of Interlaken

The Harder Kulm Panorama Restaurant is located high up on Interlaken's own mountain at 1,322 metres above sea level. The funicular takes you from the valley station up to the mountain in just ten minutes.

The Art Nouveau-style Panorama Restaurant looks like a small castle with its turrets, parlours and halls. The cosy terrace is a meeting point for locals and the ideal viewing platform for tourists from near and far. It offers a unique view of the world-famous Eiger, Mönch and Jungfrau. If you are not afraid of heights, the Two Lakes Bridge overlooking Lake Brienz, Lake Thun and the Bödeli – which is how locals call the tongue of land between the two lakes – awaits you.

Tickets for the networking event including dinner can be purchased for CHF 120 .-/person while registering online.

We recommend to book early as places are limited.







# Scientific program

## Wednesday June 7, 2017 Schedule 13 Detailed program 14-15 Thursday June 8, 2017 Schedule 16 Detailed program 17-19 Friday June 9, 2017 Schedule 20 Detailed program 21-23 Saturday June 10, 2017 Schedule 24 Detailed program 25-26

# Daily overview Wednesday | 07.06.2017

	First Hall
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13:30 - 13:45	
13:45 - 14:00	
14:00 - 14:15	
14:15 - 14:30	Harrier A All
14:30 - 14:45	Hearing 4 All
14:45 - 14:50	
14:50 - 15:00	
15:00 - 15:15	WS01
15:20 - 15:30	
15:30 - 15:35	a languing and a Austrian in Audistan.
15:35 - 15:45	e-learning and e-training in Audiology
15:45 - 16:00	WS02
16:00 - 16:15	Coffee Break
16:15 - 16:30	Collee break
16:30 - 16:45	
16:45 - 17:00	School age hearing Screening
17:00 - 17:10	WS03
17:10 - 17:25	
17:25 - 17:40	Audiology and intellectual disability
17:40 - 17:50	WS04
17:50 - 18:05	
18:05 - 18:20	Cochrane reviews workshop –
18:20 - 18:35	Why should I get involved and what will I need to do?
18:35 - 18:50	WS05
from 19:00	Welcome reception

WS Workshop

13:30-15:15	Hearing4All: Developments from the Cluster of Excellence for Audiology in Europe Chairs: Birger Kollmeier, Oldenburg, DE; Thomas Lenarz, Hannover, DE
13:30-13:50	Introduction to the cluster of excellence Hearing4All Pre-course online test Birger Kollmeier, Oldenburg, DE
13:50-14:10	Hear the future with implantable hearing devices: Clinical, otological and technological aspects Thomas Lenarz, Hannover, DE
14:10-14:25	Multilingual Speech tests and their application for international field studies and comparison between theory and experiment Ania Warzybok, Oldenburg, DE
14:25-14:40	Highlights from Hearing4all for patients with auditory implants Andreas Büchner, Hannover, DE
14:40-14:55	Highlights from Hearing4all for patients with hearing aids and the subclinical population Simon Doclo, Oldenburg, DE
14:55-15:15	Podium Discussion
15:20-16:00	e-learning and e-training in Audiology
<b>15:20-16:00</b> <i>16:00-16:30</i>	
	02 e-learning and e-training in Audiology
16:00-16:30	Coffee break  School age hearing screening and pediatric audiology
16:00-16:30 16:30-17:10	Coffee break  School age hearing screening and pediatric audiology Chairs: Jan Wouters, Leuven, BE; N.N.  Report of the EFAS Working Group on School Age Hearing Screening
16:30-16:40	Coffee break  School age hearing screening and pediatric audiology Chairs: Jan Wouters, Leuven, BE; N.N.  Report of the EFAS Working Group on School Age Hearing Screening Jan Wouters, Leuven, BE  The development of a hearing screening test based on ecological sounds

17:15-17:55	04	Audiology and intellectual disability
18:00-19:00	WS 05	Cochrane reviews workshop – Why should I get involved and what will I need to do?  Deborah Hall, Nottingham, UK
From 19:00		Welcome reception

08:15-08:30	Welcome & Opening		
08:30-09:00	Keynote Lecture Economic impact of hearing loss and relation with public health Chair: Theresa Pitt, Wexford, IR Shelly Chadha, WHO		
09:00-10:30	Structured Session Age related hearing loss New knowledge for an aging population Chairs: Josef Syka, Prague, CZ; Isabel Varela-Nieto, Madrid, ES		
09:00-09:30	Genetics of normal hearing function and age-related hearing loss Paolo Gasparini, Trieste, IT		
09:30-10:00	Cochlear synaptopathy and aging Marlies Knipper, Tübingen, DE		
10:00-10:30	Presbycusis – from the experimental model to the clinic Anna Fetoni, Rome, IT		
09:00-10:30	Free Papers		
10:30-11:00	Coffee Break		
11:00-12:00	Keynote Lecture Hearing with Light Chair: Birger Kollmeier, Oldenburg, DE Tobias Moser, Göttingen, DE		
12:00-13:30	Lunch		
12:30-13:30	Satellite Symposium 1		

13:30-15:00	Structured Session Cochlear implants and implantable hearing devices in single sided deafness Chairs: Susan Arndt, Freiburg i. Br., DE; Joachim Müller, München, DE	15:30-16:45	Structured Session Towards optimal cochlear implants – a session in honor of Prof. Norbert Dillier Chairs: George Tavartkiladze, Moscow, RU; Martin Kompis, Bern, CH
	Handicap of unilateral hearing loss Ona Bø Wie, Oslo, NO	15:30-15:35	Prof. Norbert Dillier - A life in hearing research Martin Kompis, Bern, CH
	Consequences of unilateral hearing loss in infants and children Liat Kishon-Rabin, Tel-Aviv, IL	15:35-15:50	Towards optimized cochlear implants Norbert Dillier, Zürich, CH
	What can we learn from physiology in treatment of SSD Andrej Kral, Hannover, DE	15:50-16:05	Objective measures in CI: from eCAP to eCAEP George Tavartkiladze, Moscow, RU
	Long-term Evaluation of Cochlear Implantation in Subjects with Acquired Unilateral Hearing Loss Griet Mertens, Antwerp, BE	16:05-16:20	Model based strategies Improving coding strategies for cochlear implants Andreas Büchner, Hannover, DE
	Issues in SSD CI Fitting Thomas Wesarg, Freiburg, DE	16:20-16:35	Advances in coding strategies for cochlear implants Clemens Zierhofer, Innsbruck, AT
	Treatment of SSD with different hearing devices Thomas Keintzel, Wels, AT  Rehabilitation to support hearing with CI in patients with SSD Stephanie Rühl, München, DE	16:35-16:45	Discussion
		15:30-16:45	Free Papers
		16:45-17:45	Poster Session 1 - Short presentations
	Cochlear Implants for SSD Mario Zernotti, Córdoba, AR	16:45-17:45	Free Papers
13:30-15:00	Free Papers	18:15-19:45	EFAS General Assembly
15:00-15:30	Coffee Break	18:15-19:45	Poster presentations by presenting authors

	First Hall	Second Hall	Third Hall
08:00 - 08:15 08:15 - 08:30 08:30 - 08:45 08:45 - 09:00	Implantable BC-aids		
09:00 - 09:15 09:15 - 09:30 09:30 - 09:45 09:45 - 10:00 10:00 - 10:15 10:15 - 10:30	Brain Computer Interface and Audiology	Free Papers	Free Papers
10:30 - 10:45 10:45 - 11:00		Coffee Break	
11:00 - 11:15 11:15 - 11:30 11:30 - 11:45 11:45 - 12:00	Poster Session – Short presentations	Free Papers	Free Papers
12:00 - 12:15			
12:15 - 12:30 12:30 - 12:45 12:45 - 13:00 13:00 - 13:15 13:15 - 13:30	Satellite Symposium	Lunch	
13:30 - 13:45 13:45 - 14:00 14:00 - 14:15 14:15 - 14:30 14:30 - 14:45 14:45 - 14:50 14:50 - 15:00	Spatial listening and new developments in hearing aids	Free Papers	Free Papers
15:00 - 15:15 15:15 - 15:30 15:30 - 15:35 15:35 - 15:45	Free Papers	Free Papers	Free Papers
15:45 - 16:00 16:00 - 16:10			
16:10 - 16:25 16:25 - 16:40 16:40 - 16:55	Satellite Symposium	Coffee Break	
16:55 - 17:10 17:10 - 17:25 17:25 - 17:40 17:40 - 17:55 17:55 - 18:10 18:10 - 18:25	Speech audiometry and new developments in electronic- assisted Audiology	Free Papers	Free Papers
starting 19:00		Networking Event at Harder Kulm	
Keynote Lecture Structured Session Abstract presentations			

08:00 - 09:00	Keynote Lecture Implantable BC-aids Chair: Jan Wouters, Leuven, BE Ad Snik, Nijmegen,NL
09:00 - 10:30	Structured Session Brain Computer Interface and Audiology Chairs: Stefan Debener, Oldenburg, DE; Tom Francart, Leuven, BE
	Decoding the effects of attention and visual input on the neural processing of speech Ed Lalor, New York, US
	Deciphering attentional modulations of single-trial EEG in real- world acoustic scenes Søren Fuglsang, Copenhagen, DK
	EEG in response to running speech: applications in diagnostics and noise suppression Tom Francart, Leuven, BE
	Towards unobtrusive, wearable ear-EEG Stefan Debener, Oldenburg, DE
10:30 - 11:00	Coffee Break
09:00 - 10:30	Free Papers
11:00 - 12:00	Poster Session 2 - Short presentations
11:00 - 12:00	Free Papers
12:00 - 12:30	Lunch Break
12:30 - 13:30	Satellite Symposium 2

Industry sponsored Satellite Symposium

Satellite Symposium 3

13:30 - 15:00	Structured Session Spatial listening and new developments in hearing aids Michael Akeroyd, Nottingham, UK; Jan Wouters, Leuven, BE	16:55-18:25	Structured Session Speech audiometry and new developments in electronic-assisted Audiology Chairs: Birger Kollmeier, Oldenburg, DE; Josef Attias, Petah Tiqva, IL
	A brief overview of the main effects of hearing aids on localization Michael Akeroyd, Nottingham, UK	16:55-17:15	Multilingual speech audiometry with the Matrix and Digit triplet test as the driver for e-audiology
	Effects of dynamic range compression on spatial perception in an everyday reverberant environment		Birger Kollmeier, Oldenburg, DE
	Henrik Gert Hassager, Kongens Lyngby, DK	17:15-17:30	The closed-set matrix test and its clinical applications with CI patients (and more)
	Adapting bilateral directional processing to individual binaural hearing abilities		Aarno Dietz, Kuopio, Fl
	Tobias Neher, Oldenburg, DE	17:30-17:45	Training on time - compressed speech - What is the relevance for e-speech audiometry?
	Improved localisation by re-gaining access to perceptual cues otherwise lost in hearing impairment		Karen Banai, Haifa, IL
	Michael Stone, Manchester, UK	17:45-18:00	The Digit triplet tests as international and internet-based tools Cas Smits, Amsterdam, NL
	Binaural effects in speech understanding for bimodal Cl listeners		
	Benjamin Dieudonné, Leuven, BE	18:00-18:15	The hearing device manufacturers perspective of e-audiology Stefan Launer, Stäfa, CH
	The effect of background noise on the gestures, gaze and speech		
	during conversations Bill Whitmer, Glasgow, UK	18:15:18:25	Podium Discussion
	Jili William, Glasgow, Git	16:55-18:25	Free Papers
13:30 - 15:00	Free Papers	from 19:00	Networking Event at Harder Kulm
15:00 - 15:45	Free Papers		<b>J</b>
15:45 - 16:10	Coffee Break		

16:10 - 16:55

# Daily overview Saturday | 10.06.2017

	First Hall	Second Hall	Third Hall
08:00 - 08:15 08:15 - 08:30 08:30 - 08:45 08:45 - 09:00	Genetics of hearing loss		
09:00 - 09:15 09:15 - 09:30 09:30 - 09:45 09:45 - 10:00 10:00 - 10:15 10:15 - 10:30	Novel treatment options for chronic tinnitus	Free Papers	Free Papers
10:30 - 10:45 10:45 - 11:00		Coffee Break	
11:00 - 11:15 11:15 - 11:30 11:30 - 11:45 11:45 - 12:00 12:00 - 12:15 12:15 - 12:30	Tympanometry and reflex measurements	Free Papers	Free Papers
12:30 - 12:45 12:45 - 13:00	Closing Ceremony		
Keynote Lecture Structured Session Abstract presentations			

Saturday | 10.06.2017

08:00-09:00	Keynote Lecture Genetics of hearing loss Chair: Françoise Sterkers-Artières, Palavas, FR Christine Petit, Paris, FR
09:00-10:30	Structured Session Novel treatment options for chronic tinnitus Chairs: Tobias Kleinjung, Zürich, CH; Deborah Hall, Nottingham, UK  Tomographic neurofeedback for the treatment of chronic tinnitus Tobias Kleinjung, Zürich, CH  Insights from neuroimaging data towards developing treatments Pim van Dijk, Groningen, NL  Cochlear implantation as a treatment for tinnitus: selecting the right patient Griet Mertens, Antwerp, BE  The efficacy of internet delivered treatment for tinnitus David Baguley, Nottingham, UK  Creating an evidence base for the clinical effectiveness of novel treatments Deborah Hall, Nottingham, UK
09:00-10:30	Free Papers
10:20 11:00	Coffee Progle

# Coffee Break

11:00-12:30

Structured Session

Tympanmetry and Stapedial Reflexes

Chair: Theresa Pitt, Co Wexford, IR

Wideband Absorbance measures in Tympanometry

Stefan Stenfelt, Linkoping, SE

Auditory Test battery concept and Development

Kai Uus, Manchester, UK

Electrically evoked Stapedial Reflexes match Cochlear Implant

users' Comfortable Listening levels

Kurt Stephan, Innsbruck, AT

Acoustic Reflexes in screening for third window disorders

Paulette McDonald; Robert Hong; Michigan, US

11:00-12:30

Free Papers

12:30-13:00

**Closing Ceremony** 



Schweizerische Gesellschaft für Oto-Rhino-Laryngologie, Hals- und Gesichtschirurgie Société suisse d'Oto-Rhino-Laryngologie et de Chirurgie cervico-faciale Società Svizzera di Otorinolaringoiatria e di Chirurgia cervico-facciale

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Herbstversammlung 2017

Assemblée d'automne 2017

16.-17. November 2017

16-17 Novembre 2017

Congress Centre Kursaal Interlaken

www.orl-hno.ch

## Adresses of invited keynote speakers and chairs

#### **Speakers Keynote lectures**

Dr. Dr. med. Shelly Chadha World Health Organization Prevention of Deafness and Hearing Loss IN

Prof. Dr. med. Tobias Moser University Medical Center Göttingen Institute for Auditory Neuroscience & InnerEarLab Göttingen, DE

Prof. Dr. Dr. med. Christine Petit Institut Pasteur Department of Neuroscience Laboratory for Genetics & Physiology of Hearing Paris Cedex 15. FR

Prof. Dr. Ad Snik Radboud University Nijmegen Medical Centre Department of Otorhinolaryngology EX Nijmegen, NL

## **Organizers Structured Sessions**

Prof. Dr. Michael A. Akeroyd
The University of Nottingham
School of Medicine
Faculty of Medicine & Health Sciences
Medical Research Council Institute of Hearing
Research
Nottingham, UK

Prof. Dr. med. Susan Arndt Universitätsklinikum Freiburg Klinik für Hals-, Nasen- und Ohrenheilkunde Freiburg i. Br., DE

Dr. Joseph Attias
University of Haifa
Faculty of Social Welfare and Health Sciences
Department of Communication Sciences &
Disorders
Haifa, Israel
Institute of Audiology and Clinical
Neurophysiology
Schneider Children's Medical Center
Petah Tiqva, Israel, IL

Prof. Dr. Stefan Debener
Carl von Ossietzky University of Oldenburg
VI. School of Medicine and Health Sciences
Department of Psychology
Neuropsychology Lab
Oldenburg, DE
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Prof. Dr. Tom Francart
Katholieke Universiteit Leuven & University

of Leuven Dept. Neurosciences Division of Experimental Otorhinolaryngology O.& N2 Leuven, BE

Prof. Dr. Deborah Hall
The University of Nottingham
School of Medicine
National Institute for Health Research
Nottingham
Hearing Biomedical Research Unit
Nottingham, UK

Prof. Dr. med. Tobias Kleinjung UniversitätsSpital Zürich Klinik für Ohren-, Nasen-, Hals- und Gesichtschirurgie Zürich, CH

Prof. Dr. Dr. med. Birger Kollmeier Carl von Ossietzky University of Oldenburg VI. School of Medicine and Health Sciences Department for Medical Physics and Acoustics Oldenburg, DE

Prof. Dr. Dr. med. Martin Kompis Inselspital Universitätsklinik für Hals-, Nasen- und Ohrenkrankheiten (HNO) Kopf- und Halschirurgie Bern, CH

Prof. Dr. med. Joachim Mueller Klinikum der Universität München Campus Grosshadern Klinik und Poliklinik für Hals-, Nasen- und Ohrenheilkunde München. DE

Dr. Theresa Pitt, Au.D., M.Sc., F.I.S.H.A.A. Health Service Executive Pitt Hearing Aids Ballyhire, Kilrane, Rosslare Harbour Co Wexford, IR

Prof. Dr. Stefan Stenfelt
Linköping University
Department of Clinical and Experimental
Medicine
Technical Audiology
Linköping, SE

## Adresses of invited speakers and chairs

Dr. med. Françoise Sterkers-Artières Institut Saint-Pierre, Palavas 371 avenue de l'Évêché de Maguelone 34250 Palavas, FR

Prof. Dr. Dr. med. Josef Syka Institute of Experimental Medicine - Academy of Sciences of the Czech Republic v.v.i. Department of Auditory Neuroscience Laboratory of Auditory Physiology and Pathology Prague, CZ

Prof. Dr. Dr. med. George A. Tavartkiladze National Research Center for Audiology and Hearing Rehabilitation Moscow, RU

Prof. Isabel Varela-Nieto
Universidad Aut—noma de Madrid
Institute for Biomedical Research "Alberto Sols"
Department of Pathophysiology Endocrine and
Nervous System
Laboratory for Neurobiology of Hearing
Madrid, ES

Prof. Dr. Jan Wouters
Katholieke Universiteit Leuven & University of Leuven
Dept. Neurosciences
Division of Experimental Otorhinolaryngology O.&N2
Leuven, BE

# Industry Sponsored Satellite Symposia

Thursday, 08.06.2017, 12:30-13:30: Symposium organized by

**MED**<sup>©</sup>EL

Friday, 09.06.2017, 12:30-13:30: Symposium organized by



Friday, 09.06.2017, 16:10 - 16:55: Symposium organized by



# Sponsors

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Silver Sponsor EFAS 2017





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