VIII Annual COST related Symposium Copenhagen & VII World Voice Consortium Congress

New Integrated Challenges in Voice Science and Care

December 8-10, 2017

Day 1 & 2
Radisson Blu Royal Hotel
Hammerichsgade 1, 1611
Copenhagen, Denmark

Day 3
Studio 3
DR Koncerthuset
Ørestads Boulevard 13, 2300
Copenhagen, Denmark

Direct mail for Congress President:
m.f.pedersen@dadlnet.dk
COST 2103

The 8th COST 2103 related voice symposium will be held in December 2017. COST is an abbreviation for European Cooperation in Science and Technology. Like the WVC, the COST 2103 is for both professionals and amateurs. The main objective of the COST related symposium 2103 is to combine the researchers interests and thereby advancing together. This collaboration necessary for this field is not only among clinicians and scientists but also between singers, singing teachers, coaches, therapists and many more. By combining the research and the work from all our fellow partners across Europe we can excel in reaching our common goal.

World Voice Consortium

The 7th World Voice Consortium (WVC) Conference; “New Integrated Challenges in Voice Science and Care”, will be held in Copenhagen, Denmark on the 8th-10th of December 2017. The conference is held in cooperation with the 8th COST 2103 Related Voice Symposium Copenhagen and it is both for professionals and amateurs. The conference will be held at the Radisson BLU Royal Hotel and Studio 3, Danish Broadcasting in Copenhagen. The WVC is a world-wide, non-profit, non-political organization which focuses on scientific and professional voice issues and the conference serving vocal artists pedagogues, clinicians and scientists as its target group.
VIII Annual COST related Symposium Copenhagen & VII World Voice Consortium Congress 2017

For professionals focusing on normal verbal communication.

Disorders specifically related with the human voice.

Voice issues important to verbal practices in the modern world.

- WVC is a worldwide, non-profit, non-political, non-governmental organization concerned with scientific professional and clinical voice issues.
- WVC promotes voice care, voice research and voice disorders prevention.
- WVC aims at establishing worldwide minimum requirement, diagnostic, therapeutic, habilitative, re-habilitative, preventive aspects. Public health aspects affecting the human voice.
- WVC stimulates education, disseminates information and initiates and coordinates meetings and global congresses.
- WVC promotes the contacts among the various voice disciplines (art, science, medicine, IT, etc.), by stimulating interdisciplinary scientific voice research.
- As an umbrella organization of voice matters the World Voice Consortium is concerned with wide aspects of voice, from the development of voice in children, functional, psychosomatic and neurological voice disorders to issues of the singing and the artistic voice.

Verbal Communication would not be possible without a human voice, therefore the Voice is especially important for modern societies, also with consideration for the advances in artificial intelligence. Focused upon in both the VIII Annual COST related Symposium & VII World Voice Consortium 2017.
New Integrated Challenges in Voice Science and Care

**Shaping Copenhagen memorandum of voice:** Service structure and basic test of voice function

**Friday, December 8 – Saturday, December 9, 2017 Radisson Royal Hotel**

This event covers a broad spectrum of areas related to voice technology, voice care, and voice in the performing arts and voice medicine. Specifically, we focus on intelligent solutions on these topics addressed from an international and interdisciplinary viewpoint.

Topics include the following:
- Acoustic devices and systems
- Assistive devices
- Auditory systems and devices to assess and monitor voice and speech production
- Biofeedback
- Brain activity in voice control: Coding and decoding of voice
- Devices and systems using voice input
- Drugs affecting voice
- Electronic applications (mobile)
- Evidence-based outcomes
- High Speed Digital Phonoscopy
- Interactive software systems
- Microphones
- Models of performance (e.g. motor skills)
- Narrow Band Imaging (NBI®)
- Optical Coherence Tomography (OCT)
- Super computer
- Surgical procedures
- Systems and devices to assist and to monitor sensory or motor systems
- Types of visual exams of voice
- Visual systems and devices to assess and monitor motion and movement
- Voice/augmentation/therapy
- Voice genetics
- Voice physiology and acoustics
- Voice rehabilitation and restoration

**OBJECTIVES**

- To provide state-of-the-art evidence based information on applications of technology to the fields of voice, performing arts and medicine
- To incorporate technological principals into care, treatment and prevention of voice problems also related to the brain function
- To incorporate technology into training and performance safety
- To explore the role of voice in other technical and clinical and pharmacological applications including artificial voice production, genetics and brain research

VIII Annual COST related symposium & VII World Voice Consortium Congress
Innovations in care & pedagogy of the artistic voice
Sunday, December 10, 2017 DR Koncerthuset, Studio 3

This event features didactic lectures on the care and science of the professional voice. Faculty comes from the Copenhagen Vocal Institute (CVI) and from different countries. This event is also crowned by a performance titled “Future aspects of Voice” featuring performances by the voice faculty and students as well as international vocal artists.

“FUTURE ASPECTS OF VOICE”

The purpose is to demonstrate the marvel of the vocal instrument: its unlimited capability, its capacity to create different styles and the range of sounds, it can generate. The sounds and emotions the human voice can produce are simply astonishing. Performing even a short vocal piece takes endless training and control. To keep this instrument in tune, health and training are vital and mandatory for all vocal artists. With these thoughts in mind, we bring to you this program.
Program Day 1
Friday
8th December 2017
Science

8-8.45 Registration
8.45-9 Welcome by the President of the congress
9-10 Memorandum and Welcome Round Table

Chair: Karin Riis-Jørgensen and Mette Pedersen

Session 1 - Chair: MP

10-10.20 Manuel Pais-Clemente, MD, President of the WVC: History of World Voice Consortium.
10.20-10.40 Krzysztof Izdebski, PhD, Vice president of the WVC: Global organization of voice, pathology, diagnosis and treatment.
10.40-11 Christian T. Herbst, PhD: Speech and singing voice assessment with electroglottography.
11-11.30 Coffeebreak

Session 2 – round table

11.30-12 Mathias Aaen Thuesen, PhD, Stud, Cathrine Sadolin, CVI: Exploring sound colour as an acoustical phenomenon. LTAS.
12-12.30 Mari Leppävuori, PhD, Michael Keitel, Finland: Characterization of Vocal Modes using Magnetic Resonance Imaging and Acoustic Analysis.
12.30-13 Eddy Bøgh Brixen, EBB-Consult: Acoustics for singers and voice users.
13-13.45 Lunch

Session 3 - Chair: KI


14.30-15 Gerrit Wohlt, MD: “Knife at the Queen’s throat” – Phonosurgery in high Mozart sopranos.
15 -15.15 Gerrit Wohlt, MD: “Pop meets Classic” – A phonosurgical approach to singers of different genres.
15.15 – 15.30 Lily Chen: Quantitative motion analysis of optical coherence tomography imaged in vivo human vocal folds.
15.30-15.45 Deepak Jain, PhD, N.M Israelsen, PhD: Optical Coherence Tomography, General aspects and use in Laryngology.

Session 4 - Chair: MP

15.45-16.15 Anke Karabanov, PhD: The role of speech and the oral-motor system for general auditory memory processes.

Session 5 Chair to be announced.

17-18 Free papers
17-18 Board Meeting, WVC
18-19 General Assembly, WVC, change of bylaws to be announced on request.

Session 1 Chair: KI
- 8.30-9.00 Shelley Noble-Letort, PhD: Chairman Nordic Integrative Medicine (NIM). The Art and Science of Healthcare for the Voice: Complementary and Integrative Medicine Perspectives (Keynote)
- 9.00-9.30 Valluri Phaniendrakumar, MD, Awake laser posterior cordotomy - A new technique for voice conservation in the management of bilateral vocal fold paralysis
- 9.30-10 Coffeebreak

Session 2 - Chair: MP
- 10-11 Jamie Koufman, MD: Respiratory Reflux, The Vagus, and the Voice (Keynote)

Session 3 -
- 11.30-13 Chairs: Hong-Shik Choi, MD. Sung-Min Jin, MD: State of the Art Vocal Fold Injection in South Korea
- 1. Injection laryngoplasty: Indications and material selection (Tack-Kyun Kwon, MD)
- 2. Real-time light-guided vocal fold injection (Won-Jae Cha, MD)
- 3. Clinical outcomes of vocal fold injection in unilateral vocal fold paralysis


Concert Dinner (Hotel Scandic, Vester Søegade 6, 8:00 pm):
Session 1 - Chair: MP
- 8-9 Workshop, Stephanie Borm-Krueger, Andreas Grussl: Inst. of Vocal Advancement (IVA), Teachers: Introduction and core concepts of IVA.
- 9-9.30 Flemming Ryberg, Solo Dancer: What is Art? (Focusing on body movement) Open discussion
- 9.30-10.30 Master Class, Nikola Maticic, Professional singer, Director of Operalabb, Member of the European Union group for culture and education: Voice as art.
- 10.30-11 Coffee break
- 11-11.20 round table.
- Julian McGlashan, MD, Mathias Aaen Thuesen, PhD, Cathrine Sadolin, CVI: Use of supraglottic structures in voice production.
- 11.20-12 Claes Wegener, Singer, CVI: Working/ communicating with choirs

Session 2 - Chair CS
- 12-14.00 Complete Vocal Institute, Concert and Brunch

Session 3 – Chair KI
- 14.30-14.45 Boris Kleber, PhD: What can the brain tell us about the voice.
- 14.45-15.15 Lykke V. Anholm, Andrea Bianchino, VES (Voice Evolution System) Trainer: Specific vocal technique protocols according to the morphological structure of the five types of vocal chords.
- 15.30-16 Kaare Thøgersen, Singer: Extreme Singing, An analysis of “rough” vocal effects

Session 4 - Chair KI
- 16-16.30 Anna-Maria Hefele, Ba, Singer: Western overtone singing technique: Its voice mechanics and artistic application.

Session 5 - Chair: MP, KI
- 16.30-17.30 Free papers
- 17.30-20 A glass of wine and networking

Following have pledged to speak at the conference steered by Mette Pedersen, Treasurer of the WVC

SPEAKERS

- Andreas Grussl: Singer, Germany.
- Anke Karabanov: PhD, Postdoc, Denmark. with expertise in Neurology, Neuroscience, Physiology on Research Gate. Works with Transcranial Magnetic Stimulation and functional Magnetic Resonance Imaging, Copenhagen University, Hvidovre Hospital.
- Anneli Ojaste: SLP, Estonia.
- Boris Kleiber: PhD, Assistant Professor, Denmark Aarhus University.
- Byung Joo Lee: MD, South Korea, Department of Otorhinolaryngology-Head and Neck Surgery, Pusan National University Hospital, South Korea.
- Carla Vasconcelos: PhD, Brazil. Speech Pathologist and Audiologist, Master’s degree in Linguistics (Federal University of Minas Gerais), PhD candidate in Neuroscience, (Federal University of Minas Gerais and Stockholms Universitet).
- Cathrine Sadolin: Complete Vocal Institute (CVI), Denmark. Is both a professional singer as well as a leading voice researcher, in the worlds largest singing Institute of popular singing. She is also the author of the book “Complete Vocal Technique”.
- Christian T. Herbst, PhD, Austria. Voice scientist, received his PhD in Biophysics from the University of Olomouc, Czech Republic. Following a position as head of Bioacoustics Laboratory, Depart. Of Cognitive Biology, University Vienna.
- Claes Wegener: Gospel Instructor, Denmark. Singer, Director, Song Writer, Vocal Coach, Copenhagen.
- Deepak Jain: Post doc, Denmark, Danish Technical University, Department of Photonics.
- Domingos H. Tsuji: Prof. Dr., Brazil, University of Sao Paulo.
- Eddy Begh Brixen: EBB-Consult, Denmark, Sound and Acoustics consulting. Smorum.
- Erling Eliasson: Singer, ballet-instructor, Denmark. Former Royal Ballet, Copenhagen.
- Ewelina Silska-Badurek: MD, Poland. Specialist in phoniatrics and audiology in Warsaw, larynx research.
- Flemming Ryberg: Ballet dancer, Denmark. Guest artist at many companies. Since his retirement he have taught at the Royal Danish Ballet School.
- Gerrit Wohlt: MD, Austria. Ear-nose-throat specialist, medicine and phoniatrics, trained singer and singing pedagogue. In addition to the support of the professional vocalist, his special focus is also voice-improving surgery. Specialist in surgery in professional Voices, Vienna and Berlin.
- Hanne Boelsbjerg, PhD, Denmark, Department of Sociology, University of Copenhagen.
- Hong-Shik Choi: MD, South Korea. Head of Yonsei University Hospital, Seoul.
- Irene Hasager: concertpianist, Denmark.
- Jamie Koufman: MD, USA. professor of clinical otolaryngology. For more than 25 years she has been a leading clinician and researcher in the fields of laryngology, laryngopharyngeal reflux, and the voice. She is also founder and director of the Voice Institute of New York.
- Jan Svec: PhD, Czech Republic. Head of the Voice Redcine Laboratory at the Department of Biophysics, Faculty of Sciences, Palacky University in Olomouc. He performs basic research on production of human voice and designed the method of videokymography for high-speed visualization of vocal fold vibrations which is used for advanced diagnosis of voice disorders.
- Jean Lebacq: Prof. Belgium. Neuroscience Institute, University of Louvain, Brussels
- Jesper Balle: MD, Denmark. Laryngologist, ear- nose-throat specialist, University of Copenhagen.
- Julian McGlashan: MD, UK. FRCS (Otol.) Laryngologist and head and neck surgeon, The Queens Medical Centre Campus. Nottingham University Hospital.
- Kate McConville: MA, CCC-GLP, USA. Pathologist at the University of Wisconsin, US. Health Voice and a speech Swallow Clinics. She comes from a vocal performance background and enjoys working with singers and patients with heavy vocal demands.
- Ketaki Phadke: PhD student, Czech Republic Department of Biophysics, Faculty of Science, Palacký University.

VIII Annual COST related symposium & VII World Voice Consortium Congress
Khalid Daoudi, PhD: Senior scientist. France, INRIA Bordeaux.

Korhan Sezin: Turkey, Korhan Sezin, PhD, Speech Language Pathologist and voice specialist

Krzysztof Izedebski: Founding Chair of the Pacific Voice & Speech Foundation (PVSF) based in San Francisco, CA, USA and a Professor of Voice at the San Francisco Conservatory of Music, Clinical Professor UCLA, Head and Neck Surgery, Scientific Consultant, Bioengineering, Santa Clara University, SC, CA, and of Brain Plasticity Institute, San Francisco CA, US. Furthermore, he has organized 24 Annual Pacific Voice Conferences. He is the Vice President of the WVC.


Lagle Lehes: PhD, Estonia. Speech and Language Pathologist, Tartu.

Lil Lacy: Master in Composing (RAMA), Denmark, Member of Soma & Lil, Frk. Jacobsen og Valby Vokalgruppe, Musician, singer, composer and cellist.

Lily Ye Chen: Junior Specialist, USA.

Linda Sober: MD, Estonia. Tartu University Hospital.

Lykke V. Anholm: Prof, Singer, Denmark. Copenhagen.

Mads Feldt: HA, Denmark. Project manager Copenhagen Municipality

Manuel Pais-Clemente: MD, Portugal. Prof, Ear Nose Throat Specialist, former Chairman Department of Otorhinolaryngology at the Porto University School of Medicine. Founder and President, The World Voice Consortium. WVC.

Mary Leppävuori: PhD, Finland. University of Oulu.


Mette Pedersen: MD, Denmark. Ear Nose specialist, FRSM Ph D et h. c. Research prof. IBC Cambridge, UK. Delegate from the Danish Ministry of Science, in the COST2103 of the European Union and in Union of European Phoniatricians, founder of Annual COST2103 related Voice Symposium, Copenhagen, Concert Singer.

Niels Israelsen, PhD, Denmark, Department of Photonics, Danish Technical University.

Nikola Matic: Trained soloist singer, Sweden. Director of Operalab, coordinating operatic research.

Nikki Johnston: PhD, USA. Associate Professor at the Otolaryngology & Communication Sciences, Division of Research, Microbiology and Molecular Genetics, Medical College of Wisconsin. Amongst her many research focuses is extrathoropical refluxes.

Norbert H. Kleinsasser: MD, Germany. Prof, Ecogenotoxicology, Department of Otolaryngology Head and Neck Surgery, University of Regensburg.


Pia Gruwier: Professional singer, Denmark.

Reinaldo Yazaki MD: Prof, Brazil. University of Sao Paulo. Research area is the Pathophysiology of the Singing Voice.

Sang-Hyuk Lee: MD, PhD, South Korea. Department of Otorhinolaryngology, Sungkyunkwan University, Kangbuk Samsung Hospital.

Santa Vecerina-Volic: MD, Croatia,Phoniatrician.

Secundino Fernandez Gonzales, MD: Dean, Spain. Dean of School of Medicine, University of Navarra.

Seong Keun Kwon: MD, South Korea. National University Hospital, Biomedical Engineering, Otolaryngology, Seoul.

Sung-Min Jin: MD, PhD, South Korea. Department of Otorhinolaryngology, Sungkyunkwan University, Kangbuk Samsung Hospital.

Shadaba Ahmed: MD, PhD UK. ENT Consultant and Lead for HN Services and ENT. FRCS, FRCS-ORL/HNS, MoAME.

Shelley Noble-Letor: PhD, Denmark. Founder and Executive Board President Nordic Integrative Medicine.

Sofía Madrid: MD, Chile. Docente clínico Fonoaudiología en Escuela de Teatro Universidad de Chile

Stephanie Borm-Krueger, Singer: Founder, Germany. Institute for Vocal Advancement, Munich, Germany

Tack-Kyun Kwon: MD, South Korea. Seoul National University Hospital. Voice and voice surgery and phonosurgery and vocal rehabilitation.

Uffe Egervist: CEO, Denmark. Salesworkmedia.


Ulrike Sowodnioski: Opera singer, Germany. Voice anthropologist, University of Arts, Berlin. Research at Humboldt University, Universität der Künste, Germany.

Valfrid Phaniedramkar: Emeritus Prof. E.N.T., India, Gunter Medical college, Founder and Chairman The Association of Phonosurgeons of India, Adviser and Faculty World Phonocon, New Delhi

Vibeke K. Berndorff-Nybo: Professional singer, Denmark. Copenhagen.

Won-Jae Cha: MD, PhD, South Korea. Pusan National Hospital, Busan. Medical technology, oncology, otolaryngology.

Young-hak Park MD, PhD, South Korea. Department of Otorhinolaryngology, Sungkyunkwan University, Samsung Medical Center.

Younmi Ryu: MA, Speech-language pathologist. National Cancer Center, South Korea.
Organizing faculty

- Mette Pedersen
- Lene Helsing
- Anne Alexius Agersted
- Anders Jønsson
- Sarah Øst Jensen
- Matthew Blanco

Guests of honors due to their organizing qualifications in the area of voice

- Antoinette am Zehnhoff-Dinnesen, MD
  President of European Union of Phoniatrians

- Kumud Kumar Handa, MD former President of Indian Association of Phonosurgeons
VIII Annual Cost 2103 related Voice Symposium & VII World Voice Consortium Congress 2017

President: Mette Pedersen

World Voice Consortium

President: Manuel Pais-Clemente (Portugal)
Vice President: Krzysztof Izdebski (USA)
Secretary General: Antoinette am Zehnhoff-Dinnesen (Germany)
Treasurer: Mette Pedersen

Board of VIII Annual Cost 2103 related Voice Symposium

• Cathrine Sadolin
• Dorte Sehested Brüel
• Jørgen Leif Stilling
• Karin Riis-Jørgensen
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• Josef Schlömicher-Thier
• Erkki Bianco
• Norbert H. Kleinsasser
• Paulo Pontes
• Philippe Dejonckere
• Robert T. Sataloff
• Ruth Epstein
• Virgilijus Uloza
• Gerrit Wohlt
The VIII Annual COST 2013 related Danish Voice Symposium and VII World Voice Consortium Congress, Copenhagen invites you to attend:
New Integrated Challenges in Voice Care and Science to be held December 8-10, 2017 in Copenhagen, Denmark.
8.-9. December: Radisson Blu Royal Hotel
Hammerichsgade 1, 1611 Copenhagen
10. December: DR Koncerthuset, Studio 3, Ørestads Blvd. 13, 2300 Cph. S.

The VIII COST 2013 related Copenhagen Voice Symposium And The VII World Voice Consortium Congress are organized with acknowledgement from the Pacific Voice & Speech Foundation and the Union of the European Phoniatricians

Register for the VIII Annual COST 2103 related Danish Voice Symposium free as usual, give access to WVC by sending your registration to: m.f.pedersen@dadlnet.dk

Register outside Denmark for VII World Voice Consortium Congress 2017 also gives access to the COST related Symposium at www.worldvoiceconsortium.com

Important dates:

Early Bird till 1st of October 2017: euro 255.00
Registration till 1st of December 2017: euro 285.00

Concert Dinner (Saturday 9th Dec. 8:00 pm): euro 60.00 for Concert Dinner to be held at Scandic Hotel, Vester Søgade 6, 1601 Copenhagen (Evening dress)
Late / on Site for World Voice Consortium (fee increases by 15%)

Cancellation Policy:
(Full refund 1 months prior to Opening Day 15% charge for cancellation 7 calendar days from the Opening Day. No refunds within two days of the Opening Day)

Abstract/ Paper Deadline: 1st of October 2017 for WVC

Abstract Form can be found on www.worldvoiceconsortium.com

Hotels Info: All Radisson Blu hotels including the Royal hotel (conference hotel) Arp-Hansen hotels (10% on the following link: https://www.arp-hansen.com/arpbe/web/en/login/60427966 Scandic hotels – to be found around Copenhagen area Wake up Copenhagen hotels (discount available on the following link): https://www.wakeupcopenhagen.com/arpbe/web/en/login/60427966

Transportation: Copenhagen has a well functioning local airport - Kastrup - with direct train to the central station every 20 minutes. The conference hotel is directly opposite the central station.

Sightseeing: In case you want to plan your own sightseeing, see this website: http://www.visitcopenhagen.com/copenhagen-tourist
VIII Annual COST related symposium & VII World Voice Consortium Congress
Aspects of relation between respiration, brain functions and voices (Prof. Krzysztof Izdebski, F.K., M.A., Ph.d., CCL-SLP., F.A.S.H.A., Pacific Voice Foundation)

What do I do to treat patients with respiration dysfunction? (Erkki Bianco, MD, former, Opera doctor, Garnier, Paris / Nikola Matisic, opera singer)

Overview of the literature of brain, voice and respiration (Mette Pedersen, Ear Nose specialist, FRSM PhD et hc research prof. IBC Cambridge, UK)

Sensory and motor control of voice (Prof. Krzysztof Izdebski, F.K., M.A., Ph.d., CCL-SLP., F.A.S.H.A., Pacific Voice Foundation)

Break

Segmentation on Stroboscopy (Ewelina Sielska-Badurek, ENT specialist, PhD, Medical university of Warsaw)

Lunch

Phonatory strategies of male vocalists in singing diatonic scales with various dynamic shapings (Allan Vurma, Senior Researcher, Estonian Academy of Music and Theatre)

A prospective study of hearing, respiration and voice in singers (Martin Eeg, Anders Jønsson, Mette Pedersen)

Differences between spoken and sung voice qualities (Magda Igras PhD Biocybernetics and Biomedical Engineering / Magda Majdak, AGH University of Science and Technology, Warsaw, Poland)

What do we know about hearing and brain function related to voice (Mette Pedersen, Ear Nose specialist, FRSM PhD et hc research prof. IBC Cambridge, UK and Sanila Mahmood, stud. cand. pharmacology)

Roundtable with presenters

Registration at: m.f.pedersen@dadlnet.dk
Certificate available on request

Secretariat Michala Pedersen, Sanila Mahmood
Anders Jønsson, Bilal Hussain Akram
Sarah Øst Jensen, Mohammad Shezad Mahmood, Anne Alexius Agersted.


Chair Mette Pedersen MD, Ph.D., h.c., FRSM, Danish member ISME, UEP, BDG, ASLMS, appointed to COST 2103, ENT specialist, research prof IBC Cambridge
The Medical Center Østergade 18, 3
1100 Copenhagen, Denmark
www.mpedersen.org
TARGET AUDIENCE: Professionals and Amateurs Interested in Voice and Sound Research
THE EVENT IS FREE OF CHARGE

COST (European Cooperation in the field of Scientific and Technical Research) 2103
Advanced Voice Function Assessment in Europe

Voice, hearing, respiration and brain regulation
No evidence based research found
Seventh annual COST 2103 related symposium Copenhagen
December 17th, 2016
Location: Radisson BLU Falconer Hotel & Conference Center
Falconer Alle 9, 2000 Copenhagen F

10:00-10:30 The role of brain regulation of hearing and singing (Prof. Krzysztof Izdebski)
10:30-10:45 Advanced air flow measurements (MA Eng. Pawel Jarosz, Center for Engineering Education, PWSZ Chelm, Poland)
10:45-11:15 What does hearing mean to my singing patients (Erkki Bianco, MD, former, Opera doctor, Garnier, Paris / Nikola Matisic, opera singer)
11:15-11:45 Break
11:45-12:15 How can neuroscience help understanding the role of hearing in singing (Boris Kleber, PhD Assistant Professor, Dr. habil. Center for Music in the Brain Faculty of Health Sciences/ Dept. of Clinical Medicine Aarhus University)
12:15-13:15 Voice and respiration in adults (Dorte Sehested, The Danish National Academy of Music, and co-operators (AER group))
13:15-14:15 Lunch
14:15-15:00 (Cathrine Sadolin, Head of Complete Voice Institute, Mathias Tuesen, Singer).
14:15-14:45 Curbing based on audio perception, laryngostroboscopic imaging, acoustics, LTAS and EEG.

15:00-15:15 Artificial voice production (Martin Eeg, statistician, Anders Jønsson)
15:15-15:30 Overdrive and Edge as refiners of “belting” (Mathias Tuesen, Singer and Cathrine Sadolin, Complete Voice Institute)
15:30-16:00 Aspects of hearing aids (Mikkel Holmehave, Head of training, Sales and Marketing -Oticon)
16:00- Roundtable with presenters
17:00- Reception and get-together

Registration at: m.f.pedersen@dadlnet.dk
Certificate available on request

Secretariat Michala Pedersen, Sanila Mahmood

Collaboration

Chair Mette Pedersen MD, Ph.D., h.c., FRSM, Danish member ISME, UEP, BDG, ASLMS, appointed to COST 2103, ENT specialist, research pof IBC Cambridge
The Medical Center Østergade 18, 3
1100 Copenhagen, Denmark
www.mpedersen.org
Topics:

**Voice, hearing, respiration and brain regulation:**


**Secretariat**
Michala Pedersen, Sanila Mahmood
Anders Jønsson, Bilal Hussain Akram, Sarah Øst Jensen,
Mohammad Shezad Mahmood,
Anne Alexius Agersted.

**Collaboration**
The European Academy of Phoniatics, The Union of European Phoniaticians, World Voice Consortium, Pacific Voice Foundation, Complete Vocal Institute

**Chair**
Mette Pedersen MD, Ph.D., h.c., FRSM, Danish member ISME, UEP, BDG, ASLMS, appointed to COST 2103, ENT specialist, research prof
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The Medical Center
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www.mpedersen.org
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<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>10:00-10:30</td>
<td>Demystifying overtone singing by acoustics and visuals (Prof. K. Izdebski, F.K., M.A., Ph.D., CCC-SLP., F.A.S.H.A., San Francisco)</td>
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<td>10:30-10:50</td>
<td>How do I help singers perform optimally: A dialog with M. Pedersen MD and N. Majetic (E. Bianco MD, f. Opéra nationale de Paris)</td>
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<td>10:50-11:15</td>
<td>Comparison of high speed films and overtone measurements, statistically invalid formulas of acoustical measures (Prof. M. Pedersen MD)</td>
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<td>11:15-11:30</td>
<td>What is optimal piano tuning harmonically—how I do it. (Ask Jensen, Danish piano Association.)</td>
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<td>11:30-11:45</td>
<td>Concert pitch, philharmonic pitch, standard musical pitch, standard pitch (J. Bainac, Academy of Music, Vienna)</td>
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<td>11:45-12:00</td>
<td>Break</td>
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<td>12:00-12:30</td>
<td>How I do it, my timbre, my brainwork (Jonas Bjerre, Lead singer, Mew)</td>
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<td>12:30-13:00</td>
<td>Demystifying male and female heavy metal by acoustics, highspeed films and 3D phonoscopy (Prof. K. Izdebski)</td>
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<td>13:00-13:30</td>
<td>The opera singer as an artist; purpose (art) and observation (science) - two different worlds in collaboration (N. Matisic, professional singer, Stockholm)</td>
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<td>13:30-14:15</td>
<td>Lunch</td>
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<td>14:15-14:40</td>
<td>Presentation of overtones/ resonance/formant analyzer “Sygyt” (B.H. Akram, M.S. Mahmood, A. Jønsson, Medical students, Prof. M. Pedersen MD)</td>
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<td>14:40-15:35</td>
<td>Practical approach to timbre - in texture/inner movement &amp; relation to listening. (U. Sowodniok, professional singer, voice anthropologist, Voice pedagogue, Berlin)</td>
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<td>15:35-15:50</td>
<td>Identity and Resonance, (Prof. M Overgaard, head of Cognitive Neuroscience Research Unit, Aarhus University)</td>
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<td>15:50-16:30</td>
<td>Panel: Risks and the role of the voice teacher (E. Bianco, C. Sadolin, M. Pedersen, D. Sehested Brüel)</td>
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Secretariat: Michala Pedersen, S. Mahmood, B.H. Akram, M.S. Mahmood, A. Jønsson, A.A. Agersted

Collaboration: The European Academy of Phoniatrics and World Voice Consortium

Chair: Mette Pedersen MD, PhD, FRSM, h.c. h.dr.l., Research prof. IBC Cambridge, appointed Danish representative of COST 2103, UEP, AEP, WVC, member of BDG., ENT specialist

The Medical Center Østergade 18, 3, 1100 Copenhagen Denmark. [www.mpedersen.org](http://www.mpedersen.org)

Target audience: Professionals and amateurs interested in Voice and Sound Research

THE EVENT IS FREE OF CHARGE

Friday, December 11th, 2015

Location: Radisson BLU Falconer Hotel & Conference Center

Falconer Alle 9, 2000 Copenhagen F

Registration at m.f.pedersen@dadlnet.dk - Certificate available on request
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00</td>
<td>Sensory control systems of voice production (Prof. K. Izdebski, FK, MA, Ph.D., CC-SLP, F.A.S.H.A., SFO)</td>
</tr>
<tr>
<td>10:30</td>
<td>What are your thoughts about neuroscience. Why warm up? Exercises in dialog with Prof. M. Pedersen (E. Bianco MD, f. Opéra nationale de Paris)</td>
</tr>
<tr>
<td>10:45</td>
<td>How far are we in understanding neuroscience and voice (Prof. M. Pedersen MD, Univ. Copenhagen.: M.S. Mahmood, A.A. Agersted, A. Jønsson, S. Jensen)</td>
</tr>
<tr>
<td>11:15</td>
<td>Our ongoing research including voice (Prof. H. Siebner MD, DMSci, Head of Research, Hvidovre Hospital, University of Copenhagen, Centre for Functional and Diagnostic Imaging and Research, Danish Research Centre for Magnetic Resonance (DRCMR) and Movement Disorders, Bispebjerg Hospital, University of Copenhagen, Department of Neurology)</td>
</tr>
<tr>
<td>11:45</td>
<td>Break</td>
</tr>
<tr>
<td>12:00</td>
<td>Motor control systems of voice production (Prof. K. Izdebski)</td>
</tr>
<tr>
<td>12:30</td>
<td>Applied anthropology of the voice - Central questions of research (U. Sowodniok, professional singer, voice anthropologist, voice pedagogue, Berlin)</td>
</tr>
<tr>
<td>13:30</td>
<td>Lunch</td>
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<tr>
<td>14:15</td>
<td>Brainregulation of reproductive hormones, with emphasis on testosterone, biosynthesis, mode of action. Role from prenatal stage to senescence. (P. Bennett, Cand. scient. Copenhagen)</td>
</tr>
<tr>
<td>15:15</td>
<td>Science to Art - Voice to Music (N.Rodin, D.Phil in Neurophysiology, Oxford, visual artist, residency director, Switzerland)</td>
</tr>
<tr>
<td>15:40</td>
<td>Overtones tapestry of classical voices, changes in acoustic voice characteristics after warming-up exercises (Prof. M. Kolasa-Hladicova, Prof P. Lykowski, M Just, M Tyc)</td>
</tr>
<tr>
<td>16:10</td>
<td>Discussion</td>
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<tr>
<td>16:30</td>
<td>Reception</td>
</tr>
<tr>
<td>16:45</td>
<td>Break</td>
</tr>
</tbody>
</table>

**Location:** Radisson BLU Falconer Hotel & Conference Center

**Falconer Alle 9, 2000 Copenhagen F**

**Main speakers:** Professor Krzysztof Izdebski, PVSF, San Francisco and Dr. Erkki Bianco, Ear-nose-throat specialist, f. Opéra nationale de Paris


**Collaboration** The European Academy of Phoniatrics and World Voice Consortium

**Chair** Mette Pedersen MD, PhD, FRSM, h.c. h.dr.l., Research prof. IBC Cambridge, appointed Danish representative of COST 2103, UEP, AEP, WVC, member of BDG., ENT specialist The Medical Center Østergade 18, 3, 1100 Copenhagen, Denmark. [www.mpedersen.org](http://www.mpedersen.org)

**Registration at m.f.pedersen@dadlnet.dk - Certificate available on request**
Genetics and the normal voice

Fifth COST 2103 related symposium Copenhagen

(medical doctors, singing teachers and singers, voice experts and coaches)

No evidence based research found

Friday, December 5th, 2014

Location: Radisson BLU Falconer Hotel & Conference Center

Falconer Alle 9, 2000 Copenhagen F

10:00-10:45 What do we know about genetics and the normal voice, fundamental frequency, tone range, timbre, style. (Prof. K. Izdebski, FK, MA, PhD.CC SLP, F.A.S.H.A., San Francisco).

10:45-11:15 History and tradition vs. genetic aspects of “modern” classical singing. (Dr. E. Bianco Opera ENT specialist, Paris).

11:15-11:30 Genetic differences of classical sound of voice. (IRCAM, Paris) (Dr. E. Bianco).

11:30-11:45 The genetic gifts for qualified singing. (Dr. Joseph Schlömicher-Thier, Austrian Voice Institute).

11:45-12:00 Break.

12:00-12:30 The music discrimination test. Psychometric properties and genetic heritability of a new online test for musicality. (Dr. Miriam A. Mosing, PhD, Dept. of Neuroscience, Karolinska Institute, Sweden).


12:45-13:30 Evolution of music, ongoing research. (Dr. Miriam A. Mosing, PhD, Dept. of Neuroscience, Karolinska Institute, Sweden).

13:30-14:15 Lunch.


15:00-15:15 Diagnostics of thyroid insufficiency. Genetic low mannose binding lectin, lactose and gluten intolerance, voice related problems. (Prof. M. Pedersen, Joyce Petersen, actor, California).


15:45-16:00 Discussion.

Secretariat

Collaboration
The European Academy of Phoniatrics.

Chair
Mette Pedersen MD, Ph.D. FRSM, h.c. h.dr.l., Research prof. IBC Cambridge, appointed Danish representative of COST 2103, UEP, AEP, ISME, member of BDG., ENT specialist The Medical Center Østergade 18, 3, 1100 Copenhagen, Denmark. www.mpedersen.org

Target audience: Professionals and amateurs interested in Voice and Sound Research
THE EVENT IS FREE OF CHARGE
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<tbody>
<tr>
<td>10:00-10:30</td>
<td>How to handle genetics and voice, my experience. (Prof. K. Izdebski, F.K., M.A., Ph.D., CCC SLP., F.A.S.H.A., San Francisco).</td>
</tr>
<tr>
<td>10:30-11:00</td>
<td>Examples of genetic syndromes with voice timbre components, the gap from basic science to clinic, my experience. (Dr. E. Bianco, Opera ENT specialist, Paris).</td>
</tr>
<tr>
<td>11:00-11:45</td>
<td>Reflux in professional voice users. Etiology and treatment. (Prof. P. Kirkegaard, Copenhagen).</td>
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<tr>
<td>11:45-12:00</td>
<td>Break.</td>
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<tr>
<td>12:45-13:30</td>
<td>Genetics in Laryngeal Cancer: Personal Perspectives &amp; Implications for cancer screening. (Taran Tatla Consultant ENT &amp; Head &amp; Neck Surgeon, BSc (Hons): First Class, MB, BS, DLO, FRCS (ORL-HNS), London).</td>
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<tr>
<td>13:30-14:15</td>
<td>Lunch.</td>
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<tr>
<td>14:15-14:45</td>
<td>The multiple genes prospect, Oxford. (Prof. M. Pedersen).</td>
</tr>
<tr>
<td>14:45-15:30</td>
<td>Integration of team management in Voice clinics. (Dr. J. McGlashan, FRCT, Consulting ear-nose-throat specialist, Nottingham, board of British Voice Association).</td>
</tr>
<tr>
<td>15:30-16:00</td>
<td>Round table: Rehabilitation, basic voice training, taking genetic into account. (Prof. K. Izdebski, Prof. T. Murry, Dr. E. Bianco, Dr. J. McGlashan, experienced singing teachers: D. Sehested Brüel, The academy of Music and Dramatic Arts, Southern Denmark, C. Sadolin, Head of Complete Voice Institute.</td>
</tr>
</tbody>
</table>

**Secretariat**

**Collaboration**
The European Academy of Phoniatrics.

**Chair**
Mette Pedersen MD, Ph.D. FRSM, h.c. h.dr.l., Research prof. IBC Cambridge, appointed Danish representative of COST 2103, UEP, AEP, ISME, member of BDG., ENT specialist The Medical Center Østergade 18, 3, 1100 Copenhagen, Denmark. [www.mpedersen.org](http://www.mpedersen.org)

---

**Target audience:** Professionals and amateurs interested in Voice and Sound Research  
**THE EVENT IS FREE OF CHARGE**

**Location:** Radisson BLU Falconer Hotel & Conference Center Falconer Alle 9, 2000 Copenhagen F

---

**Registration**
at m.f.pedersen@dadlnet.dk  
**Certificate available on request**
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<td>10:45-11:30</td>
<td>What is a bad professional singing voice. (Dr. E. Bianco Opera ENT specialist, Paris).</td>
<td>14:45-15:15</td>
<td>Updated singing therapy, a systematic approach (Joseph Quoidbach physiotherapist).</td>
</tr>
<tr>
<td>11:30-11:45</td>
<td>Functional disorders and benign neoplasms (Prof. K. Izdebski).</td>
<td>15:15-15:30</td>
<td>Updated voice therapy, a systematic approach (Prof. K. Izdebski).</td>
</tr>
<tr>
<td>11:45-12:00</td>
<td>Break.</td>
<td>15:30-15:45</td>
<td>Future aspects of voice therapy (J. Quoidbach, Prof. K. Izdebski, Dr. E. Bianco).</td>
</tr>
<tr>
<td>12:00-12:30</td>
<td>Pharmacogenetics and personalized medicine vs. surgery of benign laryngeal neoplasms, aspects of evidence (Dr. M. Pedersen).</td>
<td>15:45-</td>
<td>Roundtable: What is a pathological voice?. (J. McGlashan, E. Bianco, K. Izdebski, T. Murry, J. Quoidbach).</td>
</tr>
<tr>
<td>12:30-13:00</td>
<td>Optical coherence tomography and Narrow Band Imaging (Prof. K. Izdebski, Dr. M. Pedersen).</td>
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<tr>
<td>13:00-13:15</td>
<td>My experience of the perfect classical sound of singers (Johnny van Hal, opera singer, Royal Danish Opera).</td>
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<tr>
<td>13:30-14:15</td>
<td>Lunch.</td>
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</table>

**Secretariat**
Sanila Mahmood, Anders & Line Jønsson, Michala Pedersen

**Collaboration with**
The European Academy of Phoniatrics

**Chair**
Mette Pedersen MD, Ph.D., h.c., FRSM, Danish member ISME, UEP, BDG, ASLMS, appointed to COST 2103, ENT specialist
The Medical Center Østergade 18, 3
1100 Copenhagen, Denmark
www.mpedersen.org

**Registration at m.f.pedersen@dadlnet.dk**
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Target audience: Professionals and amateurs interested in Voice and Sound Research

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The perfect singing voice (Dr. Erkki Bianco Opera ENT specialist, Paris).

The perfect speaking voice (Prof. K Izdebski).

Break.

Vocal sounds in relation to recording and editing – the effect of today’s ideals on the future singers. (Anna Ilsøe, singer, singing teacher).

Personal perception of the perfect voice (Jonas Bjerre, MEW band).

Video stroboscopy measurements of the perfect voice. (Dr. E. Bianco).

High-speed measures of the perfect voice. (Prof. K. Izdebski).

Lunch.

Modern singing techniques. (Ulrik Elholm, singing teacher, Copenhagen).

What advice do speech therapists give to popular singers? (Prof. T. Murry, Ph.D. Cornell Med. Coll. NY.).


Measuring of singing techniques (Dr. Julian McGlashan, Consulting ear-nose-throat specialist, Nottingham, British Voice Association, Cathrine Sadolin; Founder, CVI, Copenhagen).

Instruction of prophylaxis including high-speed films in classical and popular singing (T. Murry, Ph.D.).

What ENT specialists need for diagnosis of voice disorders (all prs.).

Secretariat
Sanila Mahmood, Anders & Line Jønssson, Michala Pedersen
The European Academy of Phoniatrics

Collaboration with
Mette Pedersen MD, Ph.D., h.c., FRSM, Danish member ISME, UEP, BDG, ASLMS, appointed to COST 2103, ENT specialist
The Medical Center Østergade 18, 3 1100 Copenhagen, Denmark
www.mpedersen.org

Chair

Registration at m.f.pedersen@dadlnet.dk
Certificate available on request
Course on emotions and the human voice, advanced assessments – 2nd Announcement
Third COST 2103 related symposium Copenhagen
December 4th, 2012
Location: University of Copenhagen, Building 27 – 27.0.09
Njalsgade 144, 2300 Copenhagen S

Main speakers: Professor Krzysztof Izdebski, San Francisco, Editor of Emotions in the Human Voice volume 1, 2 and 3, and Erkki Bianco, Ear-nose-throat specialist, Opéra Nationale de Paris

09:00-10:00 Welcome and registration
10:00-10:45 Production of emotions in the human voice. (Prof. Krzysztof Izdebski F.K., M.A., Ph.D., CCC-SLP., F.A.S.H.A., San Francisco)
10:45-11:30 Can voice related acoustics be differentiated for various emotions? (Dr. Erkki Bianco, MD, ear-nose-throat specialist, Opéra Nationale de Paris)
11:30-11:45 Break
11:45-12:30 Perception of emotion in the human voice. (Prof. Krzysztof Izdebski)
12:30-13:00 Emotional education of young singers. (Dorte Sehested Brüel, Academy of Music and Dramatic Arts, Southern Denmark, with student Silje Holtan)
13:00-13:45 Lunch
13:45-14:15 How to handle voice related emotions in patients with benign vocal neoplasms. (Dr. Erkki Bianco, MD, Mette Pedersen, MD, Ph.D., h.c., FRSM, ENT specialist)
14:15-14:45 Voice training of corporate business people, the importance of acknowledging emotions. (Maya Overby, soloist education; Conservatory of Rotterdam, Los Angeles Music Academy, and CVI)
14:45-15:45 Emotional artistic voice production/perception related to age and gender. (Dr. Erkki Bianco, MD)
15:45-16:00 Closing remarks

Secretariat
Sanila Mahmood
Christina Heltoft
Philip Andersen
Anders Jønsson

Chair
Mette Pedersen MD, Ph.D., h.c., FRSM, Danish member ISME, UEP, BDG, ASLMS, appointed to COST 2103, ENT specialist
The Medical Center Østergade 18, 3
1100 Copenhagen, Denmark
www.mpedersen.org

Co-chair
Dorte Sehested Brüel
singing teacher at the Academy of Music and Dramatic Arts, Southern Denmark

Registration at m.f.pedersen@dadlnet.dk
Certificate available on request

THE EVENT IS FREE OF CHARGE
COST (European Cooperation in the field of Scientific and Technical Research) 2103
Advanced Voice Function Assessment in Europe

Course on emotions and the human voice, advanced assessments – 2nd Announcement
Third COST 2103 related symposium Copenhagen
December 5th, 2012
Location: University of Copenhagen, Building 27 – 27.0.09
Njalsgade 144, 2300 Copenhagen S

Main speakers: Professor Krzysztof Izdebski, San Francisco, Editor of Emotions in the Human Voice volume 1, 2 and 3, and Erkki Bianco, Ear-nose-throat specialist, Opéra nationale de Paris

10:00-10:45 Emotional voice and production/perception by actors. (Prof. Krzysztof Izdebski, F.K., M.A. Ph.D., CCC-SLP., F.A.S.H.A., San Francisco)

10:45-11:30 Emotional expression of jazz singers (Sinne Eeg, professional Danish jazz singer)

11:30-11:45 Break

11:45-12:30 How is basic voice production modified consciously for emotional expression. (Prof. Krzysztof Izdebski)

12:30-13:00 The importance of emotions in songwriting. (Tobias Stenkjær, platinum selling, award winning songwriter, student at the University of Copenhagen)

13:00-13:45 Lunch

13:45-14:45 “Round table” The Copenhagen Royal Ballet and Opera: How we do it; Impaired body expression. (Flemming Ryberg, solo dancer) Musical expression in piano playing. (Julian Thurber, principal pianist) Emotional voice expression in operas. (Johnny van Hal, opera soloist)

14:45-15:15 Emotions and Voices with Children in part in Danish. (Birthe Storgaard og Inge Hallgren, speech therapists, the Danish school system)

15:15-15:30 Voice, emotion and aspects of genetics and pharmacogenetics. (Mette Pedersen, MD, Ph.D., h.c., FRSM, ENT specialist)

15:30-15:45 Statistical setup for a randomized controlled trial comparing high speed with video stroboscopy. (Martin Eeg, cand stat, Mette Pedersen)

15:45-16:00 Closing remarks

Secretariat
Sanila Mahmood, Christina Heltoft
Philip Andersen, Anders Jønsson

Chair
Mette Pedersen MD, Ph.D., h.c., FRSM, Danish member ISME, UEP, BDG, ASLMS, appointed to COST 2103, ENT specialist
The Medical Center Østergade 18, 3
1100 Copenhagen, Denmark
www.mpedersen.org

Co-chair
Dorte Sehested Brüel, singing teacher at the Academy of Music and Dramatic Arts, Southern Denmark

Registration at m.f.pedersen@dadlnet.dk
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<tr>
<td>9:00-10:00</td>
<td>Welcome.</td>
</tr>
<tr>
<td>10:00-10:30</td>
<td>Theory of high speed films and basic function of the normal voice. Prof. Krzysztof Izdebski PhD. Appointed EU COST 2103</td>
</tr>
<tr>
<td>10:30-11:30</td>
<td>Working procedure of high speed films. Segmentation of acoustical waves and kymography. Prof. Krzysztof Izdebski PhD.</td>
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<tr>
<td>11:30-11:45</td>
<td>Coffee break.</td>
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<tr>
<td>11:45-12:45</td>
<td>Simultaneous electroglottography and high speed films, Qualitative and quantitative aspects. Workshop on 20 clinical cases.</td>
</tr>
<tr>
<td>12:45-13:30</td>
<td>Lunch break.</td>
</tr>
<tr>
<td>13:45-14:00</td>
<td>Advanced micro scanning (in laryngology). Implication of new advanced scanning in relation to high speed films. Morten Friis MD PhD, Mette Pedersen MD PhD App.EU, Prof. Klaus Qvortrup MD PhD</td>
</tr>
<tr>
<td>14:00-14:40</td>
<td>Clinical significance of high speed digital images and pragmatic applications derived from high speed imaging observations. Prof. Krzysztof Izdebski PhD</td>
</tr>
<tr>
<td>14:40-15:00</td>
<td>What voice clinicians need from engineers. Mette Pedersen MD PhD.</td>
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<tr>
<td>15:00-15:45</td>
<td>Round Table with presenters. Planning of research topics in Denmark: Basic science Singing Acoustical engineering Clinical trials</td>
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<tr>
<td>15:45-16:00</td>
<td>Summing up</td>
</tr>
</tbody>
</table>

Guest speaker Professor Krzysztof Izdebski PhD, Pacific Voice&Speech Foundation, San Francisco Conservatory of Music, Bioengineering Department Santa Clara University, Silicon Valley and Erkki Bianco MD, Ear-nose-throat specialist IRCAM, Opéra nationale de Paris

**Registration** as soon as possible m.f.pedersen@dadlnet.dk
See program at [www.mpedersen.org](http://www.mpedersen.org) under presentations

The event is free of charge
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<tr>
<td>10:00-10:45</td>
<td>Contemporary clinical voice, related high speed technologies for the diagnosis of benign laryngeal disorders. Erkki Bianco MD.</td>
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<tr>
<td>10:45-11:30</td>
<td>Practical experiences at IRCAM in Paris with formant structures Erkki Bianco MD.</td>
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<tr>
<td>11:30-11:45</td>
<td>Coffee break.</td>
</tr>
<tr>
<td>11:45-12:15</td>
<td>Statistical measures related to high speed films in a dystonia study. Martin Eeg cand. stat.</td>
</tr>
<tr>
<td>13:15-14:00</td>
<td>Neural control of phonation: a phonetotopic model. Prof. Krzysztof Izdebski PhD.</td>
</tr>
<tr>
<td>14:30-14:45</td>
<td>Statistical measures related to high speed films, an example in a laryngeal-pharyngeal study., Martin Eeg, cand. stat. Mette Pedersen MD PhD</td>
</tr>
<tr>
<td>14:45-15:00</td>
<td>How to prevent impairing of the adolescent voice. Mette Pedersen MD PhD, Susanne Møller, cand. stat.</td>
</tr>
<tr>
<td>15:00-15:45</td>
<td>Coding and decoding of vocal emotions. Professor Krzysztof Izdebski PhD</td>
</tr>
<tr>
<td>15:45-16:00</td>
<td>Round table with presenters. Future consensus in diagnostics and treatments of benign voice disorders.</td>
</tr>
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**Guest speaker** Professor Krzysztof Izdebski PhD, Pacific Voice&Speech Foundation, San Fransisco Conservatory of Music, Bioengineering Department Santa Clara University, Silicon Valley and Erkki Bianco MD, Ear-nose-throat specialist IRCAM, Opéra nationale de Paris

**Location:** Copenhagen University, Building 27, Room 27.0.17

Easiest access through following address: Njalsgade 144, 2300, Copenhagen S.

**December 9th, 2011 from 10:00 – 16:00**

**Registration as soon as possible at**

m.f.pedersen@dadlnet.dk


See program at [www.mpedersen.org](http://www.mpedersen.org) under presentations

The event is free of charge
## COST 2103 – Advanced Voice Assessment in Europe

invites to a course on:

**Logopedics in the USA and EU**

December 2\textsuperscript{nd}, 2010 from 10:00 – 16:00

University of Copenhagen, Njalsgade 120, 2300 Copenhagen S.
Room 21.1.21

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>10:00-10:30</td>
<td>Introduction by Dr. Mette Pedersen on COST 2103 and Dr. Krzysztof Izdebski on Pacific Voice and Speech Foundation (PVSF), USA.</td>
</tr>
<tr>
<td>10:30-11:15</td>
<td>Presentation by Dr. Krzysztof Izdebski on SPL (logopedics) educational system in the USA.</td>
</tr>
<tr>
<td>11:15-11:30</td>
<td>Presentation by Maria Dalby Pedersen and Julie Pedersen on the logopedic foundations in the EU.</td>
</tr>
<tr>
<td>11:30-11:45</td>
<td>Coffee break</td>
</tr>
<tr>
<td>11:45-12:30</td>
<td>Presentation by Dr. Krzysztof Izdebski on the working procedure of speech pathologists in the USA.</td>
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<tr>
<td>12:30-13:15</td>
<td>Presentation by a Danish experienced logopedist on the working procedure in Copenhagen, Denmark</td>
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<tr>
<td>13:15-13:45</td>
<td>Lunch break</td>
</tr>
<tr>
<td>13:45-14:00</td>
<td>Presentation by Dr. Mette Pedersen on present research and future perspectives</td>
</tr>
<tr>
<td>14:00-15:00</td>
<td>Round Table Discussion on:</td>
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<tr>
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<td>• Videostroboscopy and High Speed films</td>
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<td>• Voice analyses: PRAAT and MDVP</td>
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<td>• Logopedic guidelines to the patient regarding medical mucosa tests</td>
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<tr>
<td>15:00-15:45</td>
<td>Round Table Discussion on:</td>
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<tr>
<td></td>
<td>• Future aspects and suggestions</td>
</tr>
<tr>
<td>15:45-16:00</td>
<td>Summing up</td>
</tr>
</tbody>
</table>

Registration not necessary but convenient at [m.f.pedersen@dadlnet.dk](mailto:m.f.pedersen@dadlnet.dk)
Mark subject: Registration KUA Dec. 2\textsuperscript{nd}

The event is free of charge
COST 2103 – Advanced Voice Assessment in Europe invites to a course on:
Spasmodic dysphonia in the USA and EU

December 3\textsuperscript{rd}, 2010 from 10:00 – 16:00

University of Copenhagen, Njalsgade 120, 2300 Copenhagen S.
Room 27.0.17

\begin{tabular}{|c|l|}
\hline
10:00-10:30 & Introduction by Dr. Mette Pedersen on COST 2103 and Dr. Krzysztof Izdebski on Pacific Voice and Speech Foundation (PVSF), USA. \\
10:30-11:30 & Presentation by Dr. Krzysztof Izdebski on Spasmodic Dysphonia \\
11:30-11:45 & Coffee break \\
11:45-12:45 & Presentation by Dr. Krzysztof Izdebski on the working procedure of speech pathologists for spasmodic dysphonia in USA \\
12:45-13:30 & Lunch break \\
13:30-13:45 & Presentation by Mike Ellingsen, student of nanotechnology, on pharmacological treatments \\
13:45-14:05 & Dr. Mette Pedersen, Shahzleen Rajan, Julie Pedersen: Contemporary clinical voice related technologies for the diagnosis of dystonia patients \\
14:05-14:25 & Dr. Mette Pedersen, Shahzleen Rajan, Julie Pedersen: New treatment possibilities of laryngeal dystonia and related disorders \\
14:25-15:00 & Presentation by Tanya Vestergaard on a case of universal dystonia that disappeared with anti-inflammatory treatment of the upper airways \\
15:00-15:10 & Presentation by Dr. Krzysztof Izdebski on the American dystonia foundation \\
15:10-15:45 & Round table discussion Future aspects and suggestions \\
15:45-16:00 & Summing up \\
\hline
\end{tabular}

Registration at \texttt{m.f.pedersen@dadlnet.dk}
Mark subject: Registration KUA Dec. 3\textsuperscript{rd}

The event is free of charge