



**Royal Belgian Society  
for Ear, Nose, Throat, Head and Neck Surgery**

# **Annual Congress From Clinics to Robotics**

## **Preliminary Programme**

**23-24 October 2015  
NamurExpo, Namur**

**President:  
Thibert Robillard**

**[www.ENT-congress.be](http://www.ENT-congress.be)**

This artwork comes from Arcofarc\* which raises digital paintings from photographs. He manipulates, distorts, tames and rebuilt digital material to obtain a unique world that he no longer controls altogether. The picture is not yet but reborns. "What you see is not what you see" ...

But you can see some artworks of Arcofarc decorating the stairs going to the Conference Room (Salle de Conférence)

More information : [arcofarc.weebly.com](http://arcofarc.weebly.com) ; [arcofarc@gmail.com](mailto:arcofarc@gmail.com) ; [www.facebook.com/arcofarc](http://www.facebook.com/arcofarc)



Dear Friends,

I am delighted to welcome you in Namur, capital of the Wallonia region, land of hospitality. Welcome has become a word with a particular human dimension in these difficult moments for many refugees from Middle East and in South, Central and Western Europe... The green city of Namur is situated at the confluence of the two main rivers of Wallonia and was chosen as regional capital not only for its economic or demographic importance but also for its central geographical location: on the crossing of North-South and West-East axes and becoming pivotal for motor- and railway connections. That is the reason why it is quite easy to get to Namur from anywhere in Belgium but also from other European regions and why we count on your massive attendance to this event.

Our Spring Meeting was mainly focused on research and especially dedicated to our young residents and trainees. This Autumn Meeting, entitled « From clinics to robotics », will highlight recent ENT innovations such as robotics in transoral surgery but will also draw a particular attention to more practical and pragmatic questions we face in our daily practice. How to tackle a medical problem? How to learn and develop new therapeutic techniques? How also to address ethical or moral issues that are common in daily practice though barely discussed during congresses: announcing bad news, recognizing failures or complications, accompanying patients at the end of their life.

I am also very happy to welcome patients associations: they accepted to participate and saw the opportunity for mutual contacts and a transparent dialogue between caregivers and patients. For the first time in the history of our Society, we will have the Associations Corner, reserved to associations without any lucrative purpose.

The upraising generation of ENT-specialists remains the core of our interest and efforts. As in March, I asked some young colleagues to act as sessions secretaries and - along with the chair(wo)men - make clear « take home messages » at the end of each session. To bring generations together, I also created a new instrument called « ENT Contact », for promoting professional exchanges, recruitment, material share within our group as well as with audiologists, speech therapists... Furthermore, the Business Speaking Corner will extend these exchanges and facilitate contacts between our members, audiologists and speech therapists and representatives of the hearing, surgical and pharmaceutical industry, sponsors of our congresses and events.

This year our Society reached the venerable age of 120, quite a long history already. In the face of reflections on the past, the Society should successfully engage in a clear vision and new perspectives towards national, multidisciplinary and multilingual collaborations.

2016 will be a year of elections for renewal of our Society's Executive Board. I strongly and solemnly encourage our young colleagues to present their candidature. Our committees are aging quickly and in the upcoming years, a lot of our leaders will retreat. We urgently need young blood and new ideas to revitalize and sustain the future of our Society.

So if - in the historical memory of our Society - I could be remembered as the president that launched the generational changeover, I will be the most happy president. Allow me to express my gratitude for your confidence during the past year.

Thibert ROBILLARD, MD  
President of the Royal Belgian Society for Ear, Nose & Throat, Head & Neck Surgery 2015

## Royal Belgian Society for Ear, Nose, Throat, Head and Neck Surgery Steering Committee

Bernard Ars  
Bernard Bertrand, *editor in chief*  
Raymond Boniver, *responsible of the website orl-nko.be*  
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Jean-Baptiste Watelet

## B-Audio Steering Committee

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Astrid van Wieringen, *webmaster*  
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## National Organizing Committee of the Annual Meeting 2015

Bernard Bertrand	Jorissen Mark	Philippe Rombaux
Raymond Boniver	Rudi Kuhweide	Thomas Somers
An Boudewyns	Georges Lawson	Marie-Paule Thill
Jacques Daele	Philippe Lefebvre	Jean-Philippe Van Damme
Naiïma Deggouj	Peter Lemkens	Vincent Vander Poorten
Pierre Demez	Patrick Levie	Paul Van der Veken
Ingeborg Dhooge	Sandrine Machiels	Sébastien Van de Vorst
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Frans Gordts	Benoîte Millet	Stephan Vlaminck
Stijn Halewyck	Marc-André Polet	Jean-Baptiste Watelet
Marc Hamoir	Thibert Robillard	Jan Wouters

# Scientific Programme

## Programme Overview

FRIDAY 23 OCTOBER 2015

### ANNUAL CONGRESS 2015 RBS ENT HNS

	VIP LOUNGE	SALLE DE CONFÉRENCE	VRITHOFF ROOM	EXHIBITON AREA
08.00	<i>Registration</i> <i>Welcome Coffee - Exhibition Hall</i>			
08.30	PREVENTION OF INCIDENTS AND ACCIDENTS IN RHINOLOGY	B-AUDIO: HEARING AIDS AND IMPLANTS	CONTROVERSIAL ROUND TABLE IN HEAD AND NECK SURGERY: IS THERE STILL A ROLE FOR SURGERY IN THE TREATMENT OF HEAD AND NECK CANCER?	<i>Exhibition Business Speaking Area</i> <i>Network Area</i> <i>Association Area</i>
10.00	<i>Coffee break</i>			
10.30	PREVENTION OF INCIDENTS AND ACCIDENTS IN OTOLOGY	B-AUDIO: NEW EVOLUTIONS IN AUDIOLOGY  B-AUDIO: GENERAL ASSEMBLY	ETHICAL ROUND TABLE IN LARYNGOLOGY, HEAD AND NECK SURGERY	
12.00	<i>Lunch</i>			
13.10				B-AUDIO: POSTER SESSION
13.30	COMPLICATIONS IN HEAD AND NECK SURGERY	HEARING IMPAIRED CHILDREN	CONTROVERSIAL ROUND TABLES IN PEDIATRIC RHINOLOGY AND OTOLOGY	<i>Exhibition Business Speaking Area</i> <i>Network Area</i> <i>Association Area</i>
13.50		ETHICAL ROUND TABLE: 'YOUR CHILD IS DEAF'		
14.15	<i>Coffee break</i>			
15.00	ETHICAL ROUND TABLE: WHEN SOMETHING IS WRONG IN SURGICAL TREATMENT	B-AUDIO: VESTIBULAR FUNCTION AND BASIC STUDIES IN AUDIOLOGY	OLFACTION FROM BIRTH TO OLD AGES	
17.00	<i>A Namur Festive Flavor</i>			
19.30	<i>Dinner at the Château de Namur</i>			

ANNUAL CONGRESS 2015 RBS ENT HNS

	VIP LOUNGE	SALLE DE CONFÉRENCE	VRITHOFF ROOM	EXHIBITON AREA
08.00	<i>Registration</i>			
	<i>Welcome Coffee - Exhibition Hall</i>			
08.30	ETHICAL AND ECONOMICAL ROUND TABLE IN ENT RADIOLOGY AND RHINOLOGY	OTONEUROLOGY UPDATING: MENIÈRE'S DISEASE	RBS ENT SYMPOSIUM: TRANSORAL ROBOTIC SURGERY (TORS) IN ENT - HEAD & NECK: GENERAL PRINCIPLES	<i>Exhibition Business Speaking Area Network Area Association Area</i>
10.00	<i>Coffee break</i>			
10.10	<i>Coffee break</i>			
10.30	SLEEP DISORDERS BREATHING: RECENT DEVELOPMENTS IN CHILDREN AND ADULTS	CONTROVERSIAL ROUND TABLE IN OTOLOGY	RBS ENT SYMPOSIUM: TRANSORAL ROBOTIC SURGERY (TORS) IN ENT - HEAD & NECK: RESULTS	
12.00	<i>Lunch</i>			
12.35	<i>Lunch</i>			
13.30	ETHICAL SESSION: HUMANITARIAN ENT	CONTROVERSIAL ROUND TABLE IN SINUS SURGERY	AERONAUTIC MEDICINE	
15.00		CONCLUDING REMARKS END OF THE CONGRESS		
15.10	<i>Farewell drink</i>			

# Faculty Members

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## International Faculty

**Stéphane Ayache**, *ORPAC, Department of Head and Neck Surgery, International Working Group on Endoscopic Ear Surgery (IWGEES), Clinique du Palais, Grasse, France*

**Emmanuel Babin**, *Department of Otolaryngology, Head and Neck Surgery, CHU de Caen; Inserm U1086, Cancer et Prévention, Caen, France*

**Mohammed Badr-El-Dine**, *Ear, Nose and Throat Department, Alexandria School of Medicine, University of Alexandria, Rouschdy, Alexandria, Egypt*

**Serge Blond**, *Department of Neurosurgery, Hospital Roger-Salengro, CHRU, Lille, France*

**Jean Christian Borel**, *AGIR à dom. Association, La Tronche; HP2 laboratory INSERM U1042, University Grenoble Alpes, Grenoble, France*

**Per Cayé-Thomasen**, *Department of Oto-rhino-laryngology, Head and Neck Surgery, and Audiology, University Hospital Rigshospitalet/Gentofte, Copenhagen, Denmark*

**Philippe Ceruse**, *Department of ENT-HN Surgery, Hospices Civils de Lyon, Groupement Hospitalier Nord 103, Lyon, France*

**Eun Chang Choi**, *Department of Otorhinolaryngology, Yonsei University College of Medicine, Seoul, South Korea*

**Dominique Chevalier**, *Department of Otolaryngology, Head and Neck Surgery, Hospital Claude-Huriez, CHRU, Lille, France ; General Secretary of the SFORL, France*

**Vincent Darrouzet**, *Department of Otolaryngology and Skull Base Surgery, Pellegrin University Hospital, Bordeaux Segalen University, Bordeaux, France*

**Umamaheswar Duvvuri**, *Department of Otolaryngology, University of Pittsburgh Medical Center, Eye and Ear Institute, Pittsburgh, Pennsylvania, USA*

**Maurizio Falcioni**, *Gruppo Otologico, Piacenza-Roma, University of Parma, Italy*

**Stéphane Hans**, *Department of Otolaryngology, Head and Neck Surgery, Hôpital Européen Georges Pompidou, Paris, France*

**Jacques Hubert**, *Service d'Urologie, CHU de Nancy, Hopitaux de Brabois, Vandoeuvre-les-Nancy, France*

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**Wendy Lecluyse**, *School of Applied Social Sciences, University Campus Suffolk, Ipswich, United Kingdom*

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**Magis Mandapathil**, *Department of Otorhinolaryngology, Head and Neck Surgery, University of Marburg, Marburg, Germany*

**Jef Mulder**, *Department of Otolaryngology, Radboud University Nijmegen Medical Centre, Nijmegen, The Netherlands*

**Didier Portmann**, *Institute Georges Portmann, Clinique St.-Augustin, Bordeaux, France*

**Vyas Prasad**, *Ng Teng Fong Hospital, Singapore*

**Alexandre Rucyahana**, *Clinique Médicale ORL, Kigali, Rwanda*

**Benoist Schaal**, *Centre des Sciences du Goût, CNRS (UMR 6265), Université de Bourgogne, Dijon, France*

**Olivier Sterkers**, *Unit of Otolaryngology, Auditory Implants and Skull Base Surgery, Otorhinolaryngology Department, Pitié-Salpêtrière Hospital, AP-HP, Paris, France : 2015 President of the SFORL, France*

**Sebastian Vergez**, *ENT-HN Department, CHU Toulouse - Larrey and Institut Universitaire du Cancer de Toulouse, Toulouse, France*

**Claudio Vicini**, *Department of Special Surgery, ENT and Oral Surgery Unit, G.B. Morgagni - L. Pierantoni Hospital, University of Pavia, Forli, Italy*

**Gregory Weinstein**, *Department of Otorhinolaryngology-Head and Neck Surgery, The University of Pennsylvania Health System, Philadelphia, PA, USA*



## National Non-ENT Faculty

**Frédéric Alexis**, *Department of Radiology, Clinique et Maternité Ste Elisabeth, CHU UCL Namur*

**Guy Andry**, *Head-Neck and Thoracic Surgery, Institut Jules Bordet, Brussels*

**Pierre Cambier**, *AMMA Verzekeringen - AMMA Assurances*

**Jan Casselman**, *Department of Radiology and Medical Imaging, AZ St. Jan Brugge AV, Bruges*

**Paul Clement**, *Department of Radiotherapy and Oncology, University Hospitals of Leuven, Leuven, Belgium*

**Jean François Daisne**, *Radiation Oncology Department, Clinique et Maternité Sainte-Elisabeth, CHU UCL Namur*

**Bert De Foer**, *Department of Radiology, GZA Hospitals Sint-Augustinus, Antwerp*

**Frederic Duprez**, *Department of Radiotherapy, Ghent University Hospital, Ghent*

**Christian Dupuis**, *Amade Foundation, Brussels*

**Bruno Krug**, *Nuclear Medicine Division, Catholic University of Leuven, CHU Dinant-Godinne, CHU UCL Namur*

**Aagje Martens**, *VLOK-CI - Vlaamse Oudervereniging van Kinderen met een Cochleair Implantaat*

**Jean-Pascal Machiels**, *Department of Medical Oncology, Cliniques Universitaires St-Luc and Laboratory of Oncology, SSS/IREC/MIRO, Université catholique de Louvain, Brussels*

**Jean-Benoît Martinot**, *Sleep and Vigilance Center, Clinique et Maternité Sainte-Elisabeth, CHU UCL Namur and Sleep Center - Respisom chez Residence Selma, Namur*

**Alain Mayné**, *Department of Anesthesia, Catholic University of Leuven, CHU Dinant-Godinne, CHU UCL Namur*

**Johan Menten**, *Department of Radiotherapy and Oncology, Palliative Care, University Hospitals of Leuven, Leuven*

**Edith Rioux**, *APEDAF - Associations des Parents d'Enfants Déficients Auditifs Francophones*

**Anne-Charlotte Prévot**, *APEDAF - Associations des Parents d'Enfants Déficients Auditifs Francophones*

**Laurie Putz**, *Department of Anesthesia, Catholic University of Leuven, CHU Dinant-Godinne, CHU UCL Namur*

**Walter Rombouts**, *Palliative Care, University Hospitals of Leuven, Leuven*

**Vito Sabato**, *Department of Immunology-Allergology-Rheumatology, Faculty of Medicine and Health Sciences, University of Antwerp, Antwerp University Hospital, Antwerp*

**Xavier Van Der Brempt**, *Departement of Pneumology and Allergologie, Clinique Saint-Luc, Bouge-Namur*

**Jean-Marc Van Gyseghem**, *Crids- Centre de Recherche Information, Droit et Société, Université de Namur, Namur and Rawlings Giles lawfirm, Brussels*

## National ENT & B-Audio Faculty

Wouter Baetens	Ingeborg Dhooge	Marc-André Polet
Nathalie Bernheim	Cécile Ducene	Thibert Robillard
Dirk Boedts	Philippe Eloy	Alexandra Rodriguez Ruiz
Raymond Boniver	Eline Galoppin	Philippe Rombaux
Charlotte Borgers	Michel Gersdorff	Anouk Sangen
An Boudewyns	Julie Goderis	Klara Schevenels
Pierre Brihaye	Tine Goossens	Morgana Sluydts
Katrien Broes	Stijn Halewyck	Thomas Somers
Tobias Busch	Marc Hamoir	Magda Spaas
Lien Calus	Samantha Hassid	Stefanie Terryn
Sara Castelein	Nadine Herman	Marie-Paule Thill
Benson Cheng-Lin Hsu	Mihaela Horoi	Marieke Timmermans
Annes Claes	Caroline Huart	Peter Tomassen
Jos Claes	Mark Jorissen	Leen Van Crombrugge
Judith Coffé	Stefanie Krijger	Paul Van de Heyning
Emmanuel Coulon	Rudi Kuhweide	Sébastien Van der Vorst
Caroline Cox	Emilie Lacroix	Maaïke Van Eeckhoutte
Jacques Daele	Frederik Lammens	Laura Van Gerven
Saartje De Backer	Mark Laureyns	Helen Van Hoecke
Sofie De Clercq	Georges Lawson	Carl Van Laer
Romolo Daniele De Siati	Philippe Lefèbvre	Vincent Van Rompaey
David De Smedt	Peter Lemkens	Astrid van Wieringen
Katleen De Voecht	Bob Lerut	Lindsey Van Yper
Michel Debue	Patrick Levie	Loic Vanblaere
Guy Declercq	Laura Leyssens	Jean-Philippe Vandamme
Tom DeCool	Chantal Lilet-Leclercq	Griet Vandeplas
Naiïma Deggouj	Frederico Lucchetti	Vincent Vander Poorten
Stefan Delrue	Jean-Pascal Machiels	Tom Vauterin
Paul Deltenre	Sandrine Machiels	Charlotte Vercammen
Laurent Demanez	Anne-Laure Mansbach	Patrick Verheyden
Pierre Demez	Nicolas Mardyla	Julie Vermeiren
Sam Denys	Mieke Maris	Stephan Vlaminck
Philippe Deron	Emily Markessis	Thibault Warlop
Christian Desloovere	Benoîte Millet	Jean-Baptiste Watelet
Yalenka Devrieze	Karliën Moons	Steven Willekens
Cleo Dhondt	Erwin Offeciers	Jan Wouters

# Programme in Detail

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**Friday 23 October 2015**

## VIP Lounge

### 08.30-10.00 PREVENTION OF INCIDENTS AND ACCIDENTS IN RHINOLOGY

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*Chairs: Jorissen M, Eloy P, Cox C*

08.30	Prevention and treatment of bleeding	<i>Rombaux P</i>
08.45	Prevention and treatment of orbital complications	<i>Vlaminck S</i>
09.00	Prevention and treatment of intracranial complications	<i>Jorissen M</i>
09.15	Intranasal application of fluorescein sodium for detection of CSF leak in endonasal surgery	<i>Horoi M</i>
09.25	Prevention and treatment of long term complications	<i>Eloy P</i>
09.40	Discussion: round table	
10.00	<i>Coffee break and visit of the booths</i>	

### 10.30-12.00 PREVENTION OF INCIDENTS AND ACCIDENTS IN OTOTOLOGY

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*Chairs: Somers T, Van Damme JP, Baetens W*

10.30	Introduction	<i>Somers T</i>
10.40	Temporal bone anatomy and how to prevent otosurgical complications	<i>Falcioni M</i>
11.00	Experience of a young otologist	<i>Van Damme JP</i>
11.10	When to refer a patient to a more experienced surgeon?	<i>Darrouzet V</i>
11.30	Shit happens, but you can prevent a lot of it	<i>Mulder J</i>
11.50	Discussion: round table	
12.00	<i>Walking lunch and visit of the booths</i>	

## 13.30-15.00    **COMPLICATIONS IN HEAD AND NECK SURGERY**

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*Chairs: Vander Poorten V, Van der Vorst S, Hassid S*

13.30	Complications in thyroid surgery	<b>Andry G</b>
13.40	Complications in transoral approaches to the oropharynx and larynx	<b>Lawson G</b>
13.50	Complications in parotid surgery	<b>Vander Poorten V</b>
14.00	Complications in neck dissection	<b>Van Laer C</b>
14.10	Complications in open surgery for oral cavity cancer	<b>Hamoir M</b>
14.20	Complications in open surgery: larynx and oropharynx	<b>Deron P</b>
14.30	Discussion: case presentations	
15.00	<i>Coffee break and visit of the booths</i>	

## 15.30-17.00    **ETHICAL ROUND TABLE: WHEN SOMETHING IS WRONG IN SURGICAL TREATMENT**

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*Chairs: Boniver R, Vlaminck S, Terryn S*

15.30	A bad news: the operation was a failure or an incident occurred during the operation	<b>Rombouts W</b>
15.45	The point of view of the lawyer	<b>Van Gysegehem JM</b>
16.00	The point of view of the insurer	<b>Cambier P</b>
16.15	The point of view of the medical expert in Belgium	<b>Boniver R</b>
16.30	Discussion: round table	
17.00	End of session	
17.00	<i>A Namur Festive Flavor</i>	
19.30	<i>Dinner at the Château de Namur - Welcome by the Governor of the Province of Namur</i>	

## Friday 23 October 2015

### Salle de Conférence

#### 08.30-10.00 B-AUDIO: HEARING AIDS AND IMPLANTS

Chairs: *van Wieringen A, Verheyden P*

- 08.30 Introduction *Wouters J*  
08.40 Invited lecture: Biologically-inspired hearing aids *Lecluyse W*  
09.16 Cochlear implant users' auditory diet: Analysis of a large sample of automatically collected data logs  
*Busch T, Vanpoucke F, van Wieringen A*  
09.27 Vibrant soundbridge for mixed hearing loss: audiological results and patient reported benefit at mid term  
*De Voecht K, Van Deun L, Desloovere C, Verhaert N*  
09.38 Listening challenges for children with a cochlear implant in mainstream education: case studies  
*Krijger S, Govaerts P, Dhooge I*  
09.49 Diabetes & Hearing Loss - what are the consequences for hearing aid fitting?  
*Laureyns M, Gemels E, Van Tricht E*  
10.00 *Coffee break and visit of the booths*

#### 10.30-11.25 B-AUDIO: NEW EVOLUTIONS IN AUDIOLOGY

Chairs: *Deggouj N, Lemkens P*

- 10.30 New application of the Contact miniTM for bone conduction device trial in single sided deaf subjects  
*Claes A, Mertens G, Gilles A, Van de Heyning P*  
10.41 Wideband Multifrequency Tympanometry as a clinical tool in the diagnosis of the Ménière disease  
*De Siati R, Loonsteen B, Wathour J, Wiener V, Castelein S, Decat M, Deggouj N*  
10.52 Unilateral hearing loss affects language and auditory development  
*Sangen A, Royackers L, Desloovere C, Wouters J, van Wieringen A*  
11.03 Preliminary results on auditory brainstem responses elicited by simultaneously presented electrical and acoustical signals in bimodal cochlear implant users  
*Van Yper L, Dhooge I, Vermeire K, De Vel E, Beynon A*  
11.14 The onset of presbycusis in middle-aged persons  
*Vercammen C, Goossens T, Wouters J, van Wieringen A*

## 11.25-12.00 B-AUDIO: GENERAL ASSEMBLY

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12.00 Walking lunch and visit of the booths

## 13.50-15.00 HEARING IMPAIRED CHILDREN

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Chairs: *Markessis E, Laureyns M*

- 13.50 The changing school age hearing screening landscape in Flanders  
*Denys S and VWVJ*
- 14.15 Ethical Round Table «Your child is deaf!»  
Moderator: *Millet B*  
Round table members: *Portmann D, Demanez L, Rioux E, Bernheim N, Van Hoecke H, Spaas M, Herman N, Martens A*
- 15.00 Coffee break and visit of the booths

## 15.30-17.00 B-AUDIO: VESTIBULAR FUNCTION AND BASIC STUDIES IN AUDIOLOGY

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Chairs: *Maes L, Deltenre P*

### Vestibular Function

- 15.30 Vestibular testing in children over time  
*Castelein S, Vanderveken C, Wathour J, Deggouj N*
- 15.41 Can balance disorders moderate our cognition? Creation and validation of a new questionnaire  
*Lacroix E, Salvaggio S, Deggouj N, Wiener V, Debue M, Edwards M*
- 15.52 Maturation of the postural control in healthy children  
*Leclef F, Mazzaro M, Debue M, Vanderveken C, Deggouj N*
- 16.03 Temporal organization of gait related to balance status in peripheral vestibular disorders  
*Warlop T, Detrembleur C, Evrard L, Tirard G, Debue M, Lejeune T, Deggouj N*

## Basic studies in audiology

- 16.14 Speech perception in different background noises in aging persons with normal hearing  
*[Goossens T, Vercammen C, Wouters J, van Wieringen A](#)*
- 16.25 Listening effort in school-age children  
*[Cheng-Lin Hsu B, Vanpoucke F, van Wieringen A](#)*
- 16.36 A spectro-temporal analysis of the Cochlear Microphonic  
*[Lucchetti F, Le Khac E, Petizon M, Deltenre P](#)*
- 16.47 Objective estimation of loudness growth functions in electric and acoustic hearing  
*[Van Eeckhoutte M, Wouters J, Francart T](#)*
- 17.00 End of session
- 17.00 *A Namur Festive Flavor*
- 19.30 *Dinner at the Château de Namur - Welcome by the Governor of the Province of Namur*

13.10-13.50 B-AUDIO: POSTER SESSION

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- P1** Een evaluatie van de huidige beschikbare websites rond 'Tinnitus'  
**Willekens S**  
Promoters: Krijger S, Degeest S
- P2** A comparison of the ocular vestibular evoked myogenic potentials (oVEMP) and unilateral centrifugation (UC) test for the assessment of utricular function  
**Moons K**  
Promoters: Wuyts F, Maes L - Co-promoter: Van Ombergen A
- P3** Optimization and standardization of a multicenter ocular vestibular evoked myogenic potential (oVEMP) protocol: Investigation of the effect of electrode placement and rise/plateau/fall time on the oVEMP response and evaluation of the test-retest reliability  
**Leysens L**  
Promoter: Maes L - Co-promoters: Wuyts F, Vinck B, Heinze B
- P4** Bimodal stimulation versus bilateral cochlear implantation in the paediatric population  
**Dhondt C**  
Promoter: Dhooge I - Co-promoter: Swinnen F
- P5** High resolution analysis of cortical auditory steady-state responses: a Test-Retest repeatability study  
**Borgers C**  
Promoters: Wouters J, van Wieringen A - Co-promoter: Gransier R
- P6** Detecting hidden hearing loss using auditory steady state and brainstem responses  
**Schevenels K, Devrieze Y**  
Promoter: Francart T - Co-promoter: Wouters J
- P7** Dyslexia as a temporal auditory information processing problem  
**Galoppin E, Coffé J**  
Promoters: Wouters J, Luts H - Co-promoters: De Vos A, Vanderauwera J
- P8** Relation between Modulation Tests and Speech Understanding in adult CI users  
**Vermeiren J**  
Promoters: Vermeiren A, Vanpoucke F



- P9** Normative data for AC and BC VEMP, rotatory chair testing and oculomotor testing  
**Sluydts M**  
Promoters: Vanspauwen R, Zarowski A
- P10** Modification of the transfer function of the ear associated with a cochlear implantation  
**DeCool T**  
Promoter: Deggouj N
- P11** Improvement of the voicing perception in hearing impaired subjects  
**Vanblaere L**  
Promoter: Collet G
- P12** A new way to approach tinnitus therapy? Comparison of Minimum Masking Level and Residual Inhibition for two types of noise: wide band noise and windowed noise  
**Coulon E**  
Promoter: Lurquin P
- P13** Objectieve audiometrie bij personen met auditieve verwerkingsstoornissen  
**De Backer S**  
Promoters: De Smet G, de Bruyne L
- P14** Prevalentie van tinnitus en hyperacusis bij muzikanten  
**De Clercq S**  
Promoter: Clinckspoor R
- P15** Temporele resolutie bij hoortoestellen : Evaluatie van laagfrequente toonhoogte-discriminatie aan de hand van de disharmonische intonatie-test in het audiologische software platform A5E®  
**De Smedt D**  
Promoters: De Ceulaer G, De Smet G

**Friday 23 October 2015**

**Vrithoff Room**

**08.30-10.00      CONTROVERSIAL ROUNDTABLE IN HEAD AND NECK SURGERY: IS THERE STILL A ROLE FOR SURGERY IN THE TREATMENT OF HEAD AND NECK CANCER?**

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*Moderator: Hamoir M*

- 08.30      Case reports and round table  
Round table members:    *Andry G, Chevalier D, Van Laer C, Daisne JF, Duprez F, Machiels JP, Clement P*
- 10.00      *Coffee break and visit of the booths*

**10.30-12.00      ETHICAL ROUNDTABLE IN LARYNGOLOGY, HEAD AND NECK SURGERY**

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*Chairs: Demez P, Deron P*

- 10.30      Part 1: A bad news: «You have a cancer of your throat»**
- 10.30      Announcement of the bad news: a first point of view    *Babin E*  
10.50      Announcement of the bad news:  
                 a second point of view    *Rodriguez Ruiz A*  
11.00      Discussion  
                 *Moderator: Chevalier D*
- 11.10      Part 2: Euthanasia or palliative care in the terminal HN cancer**
- 11.10      Euthanasia in the terminal HN cancer    *Demez P*  
11.30      Palliative care in the terminal HN cancer    *Menten J*  
11.50      Discussion  
                 *Moderator: Chevalier D*
- 12.00      *Walking lunch and visit of the booths*

## 13.30-15.00 CONTROVERSIAL ROUND TABLES IN PEDIATRIC RHINOLOGY AND IN OTOTOLOGY

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### 13.30 Part 1: Pediatric naso-sinusal surgery

*Chairs: Claes J, Mansbach A-L, Broes K*

13.30 Endoscopic repair of congenital choanal atresia;  
a 16 years experience

*Brihaye P*

13.45 Sinus surgery in case of mucoviscidosis

*Jorissen M*

14.00 Lacrymal duct surgery

*Eloy P*

14.15 Discussion

### 14.15 Part 2: Acoustic neuroma: operate or irradiate, wait and see

*Chairs: Van de Heyning P, Demanez L, Broes K*

14.15 The natural history of vestibular schwannoma growth and hearing  
*Cayé-Thomasen P*

14.25 Management of small vestibular schwannomas: wait and scan,  
surgery or radiotherapy

*Somers T*

14.35 Functionnal management of small vestibular schwannomas

*Sterkers O*

14.45 Small vestibular schwannomas: the potential place of  
radiosurgery

*Blond S*

14.55 Round table

*Moderator: Gersdorff M*

15.00 *Coffee break and visit of the booths*

## 15.30-17.00 OLFACTION FROM BIRTH TO OLD AGES

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*Chairs: Rombaux P, Lerut B, Van Gerven L*

15.30 Functionality and specificities of infant olfaction in the context  
of early life transitions

*Schaal B*

16.15 Olfaction in adolescence: the time to diagnose congenital anosmia

*Rombaux P*

16.30 Olfaction in adults

*Lerut B*

16.45 Olfaction in elderly: signs for neurodegenerative diseases

*Huart C*

17.00 End of session

17.00 *A Namur Festive Flavor*

19.30 *Dinner at the Château de Namur - Welcome by the Governor of the  
Province of Namur*

# Saturday 24 October 2015

## VIP Lounge

### 08.30-10.00 ETHICAL AND ECONOMICAL ROUND TABLE IN ENT RADIOLOGY AND RHINOLOGY

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#### 08.30 Part 1: Imaging: ethics and economics

*Chairs: Halewyck S, Levie P, Vandeplas G*

- 08.30 Cone beam CT technique and examination dosimetry **Alexis F**
- 08.40 Temporal bone cone beam imaging **De Foer B**
- 09.05 Discussion

#### 09.15 Part 2: Immunotherapy: oral or sublingual ?

*Chairs: Watelet JB, Lilet-Leclercq C, Vandeplas G*

- 09.15 Pro and contra arguments for oral immunotherapy **Sabato V**
- 09.30 Pro and contra arguments for sublingual immunotherapy **Van Der Brempt X**
- 09.45 Discussion

#### 10.00 *Coffee break and visit of the booths*

### 10.30-12.00 SLEEP DISORDERS BREATHING: RECENT DEVELOPMENTS IN CHILDREN AND ADULTS

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*Chairs: Martinot JB, Boudewyns A, Calus L*

- 10.30 Therapeutic decision making in pediatric OSA: role of drug-induced sleep endoscopy **Boudewyns A**
- 10.50 Nasal obstruction contributes to the persistence of mouth opening during sleep in CPAP- treated obstructive sleep apnea **Borel JC**
- 11.10 Obstructive sleep apnea syndrome in Down syndrome: challenges in diagnosis and treatment **Maris M**

- 11.30 Mandibular movements identify respiratory effort in pediatric obstructive sleep apnea **Martinot JB**
- 11.50 Discussion
- 12.00 *Walking lunch and visits of the booths*

### **13.30-15.00 ETHICAL SESSION: HUMANITARIAN ENT**

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*Chairs: Daele J, De Clercq G, Timmermans M*

- 13.30 Surgical teaching missions in Southeast Asia. A 45 years experience **Dupuis C**
- 13.50 Rural Ear Camp Foundation in South East Asia: an example for the world! **Somers T**
- 14.10 Humanitarian medicine in the South: experience of an itinérant récipient doctor **Rucyahana A**
- 14.30 Humanitarian efforts in the ENT-HNS societies of the western countries **Daele J**
- 14.50 Round table  
*Moderator: Boedts D*
- 15.00 Concluding remarks and end of the congress (Salles de Conférence) **Robillard T**
- 15.00 *Farewell drink with the President*

## Saturday 24 October 2015

### Salle de Conférence

#### 08.30-10.00 OTONEUROLOGY UPDATING: MENIÈRE'S DISEASE

*Chairs: Portmann D, Desloovere C, Delrue S*

08.30	Clinical phenotypes	<i>Van Rompaey V, Van de Heyning P</i>
08.45	Functional diagnosis	<i>De Siati R, Deggouj N</i>
09.00	Imaging	<i>Casselman J</i>
09.15	Aetiological treatment	<i>Lefebvre P</i>
09.30	Round table: from theory to practice	
10.00	<i>Coffee break and visit of the booths</i>	

#### 10.30-12.00 CONTROVERSIAL ROUND TABLES IN OTOLOGY

##### 10.30 Part 1: Otoendoscopic surgery

*Chairs: Ayache S, Kuhweide R, Goderis J*

10.30	Introduction to the EES. Principles and anatomical basis	<i>Ayache S</i>
10.36	The endoscopic-assisted microscopic combined approach. The best way to begin the EES?	<i>Badr El Dine M</i>
10.42	The evolution of the EES. The transcanal & the microscopic-assisted endoscopic approach	<i>Ayache S</i>
10.48	Is the endoscopic sinus surgery a necessary step for the endoscopic ear surgery? The Liege experience	<i>Machiels S, Mardyla N</i>
10.56	Endoscopic versus transcranial procurement of allograft tympano-ossicular systems: a prospective double-blind randomized controlled audit	<i>Van Rompaey V</i>
11.04	Extending indications of EES beyond cholesteatoma	<i>Badr El Dine M</i>
11.10	Discussion: questions and answers	

**11.15 Part 2: To obliterate the mastoid or not**

*Chairs: Thill MP, Dhooge I, Van Crombrugge L*

11.15 Bony obliteration technique with MRI follow-up

11.30 Bondy's technique

11.45 Round table

*Moderator: Somers T*

*Offeciers E  
Falcioni E*

12.00 *Walking lunch and visits of the booths*

**13.30-15.00 CONTROVERSIAL ROUND TABLE IN SINUS SURGERY**

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**13.30 Part 1: Shaver in sinus surgery**

*Chairs: Machiels S, Watelet JB, Tomassen P*

13.30 Shaver or not for beginners

13.40 Shaver market study

13.50 Shaver in the extensive sinus surgery

14.00 Shaver: complications and how to avoid them?

14.10 Discussion

*Vlaminck S  
Jorissen M  
Eloy P  
Halewyck S*

**14.15 Part 2: Navigation-assisted sinus surgery**

*Chairs: Mardyla N, Halewyck S, Ducene C*

14.15 Market research

14.25 Indications for navigation during sinus surgery

14.35 Why I do not use it

14.45 Mucocoele and navigation

14.55 Discussion

*Jorissen M  
Machiels S  
Vlaminck S  
Huart C*

15.00 Concluding remarks and end of the congress

*Robillard T*

15.00 *Farewell drink with the President*

# Saturday 24 October 2015

## Vrithoff Room

### 08.30-10.10 RBS ENT SYMPOSIUM TRANSORAL ROBOTIC SURGERY (TORS) IN ENT – HEAD & NECK: GENERAL PRINCIPLES

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*Chairs: Weinstein G, Vander Poorten V, Lawson G*

- 08.30 Introduction to the annual report: why a report on TORS? *Lawson G*
- 08.35 Keynote lecture: Inventing TORS in ENT- Head & Neck *Weinstein G*  
09.00 Keynote lecture: Recent advances in robotic head & neck surgery:  
trans-axillary, retro-auricular, trans-cervical approach  
*Koh WY, Chang Choi E*
- 09.20 Keynote lecture: A prevention model for HPV-related oropharyngeal  
cancer – The key role of TORS *Weinstein G*
- 09.40 Round table: Experiences in robotic surgery: practical issues in  
TORS surgery

*Moderators: Koh WY, Lawson G, Vander Poorten V*

*Round table members: Weinstein G, Koh WY, Chang Choi E*

Speakers:

- Operating theater organization for TORS *Prasad V*
  - Anesthesiology - special considerations for TORS  
*Putz L, Mayné A  
Hubert J*
  - Teaching robotic surgery
  - Learning curve for transoral deployment of the  
Medrobotics FLEX system *Duvvuri U*
  - Role of IMRT - When radiation is mandatory after TORS *Daisne JF*
- 10.10 *Coffee break and visit of the booths*



**10.30-12.35 RBS ENT SYMPOSIUM  
TRANSORAL ROBOTIC SURGERY (TORS) IN  
ENT – HEAD & NECK: RESULTS**

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*Chairs: Vicini C, Van der Vorst S, Vauterin T*

10.30 Keynote lecture: oncology and robotics  
TORS as less invasive surgery in head and neck oncology versus organ  
preservation chemo radiation **Paleri V**

10.50 Keynote lecture: non-oncologic surgery  
TORS for surgical treatment of snoring and sleep apnea syndrome  
**Vicini C**

11.10 Round table: TORS in head and neck diseases: results

*Moderators: Paleri V, Van der Vorst S, Vauterin T*

Round table member: *Vicini C*

Speakers:

- Oropharyngeal & laryngeal anatomy from within **Mandapathil M**
- TORS radical tonsillectomy: Concepts and literature review  
**Lorincz B**
- TORS supraglottic laryngectomy: Concepts and literature review  
**Ceruse P**
- TORS hypopharyngectomy: Concepts and literature review  
**Vergez S**
- TORS total laryngectomy Concepts and literature review  
**Van der Vorst S**
- TORS tongue base tumor resection:  
Concepts and literature review **Vauterin T**
- QOL and swallowing outcome after TORS **Hans S**
- Robotic Neck dissection & thyroidectomy **Koh WY**
- TORS for Non oncologic diseases **Vander Poorten V**
- TORS Cost-effectiveness **Krug B**
- HPV positive versus negative: decision for TORS **Weinstein G**

12.30 Robotic Surgery in ENT – Head & Neck: Take home message **Lawson G**

12.35 *Walking lunch and visits of the booths*

*Chairs: Polet MA, Van der Veken P, Lammens F*

- 13.30      Role and organization of Aerospace medicine in Belgium  
Class of pilots *Polet MA*
- 13.50      ENT aptitude criteria (mil and civil) *Polet MA, Van der Veken V*  
- Otological criteria *Polet MA*  
- Rhinological & Laryngological criteria *Van der Veken V*
- 14.40      ENT pathologies giving fitness problems
- 14.50      Questions - answers
- 15.00      Concluding remarks and end of the congress (Salles de Conférence)  
*Robillard T*
- 15.00      *Farewell drink with the President*

# General Information

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## Venue and Dates

The annual congress of the Royal Belgian Society for Ear, Nose, Throat, Head and Neck Surgery will take place on 23 and 24 October 2015 at NamurExpo in Namur.

**Address:** NamurExpo  
Avenue Sergent Vriethoff 2  
5000 Namur (Salzennes)  
Latitude 50° 28 00" North - Longitude 04° 50° 56" East

**Itinerary - for more information and maps please visit:** [www.ENT-congress.be](http://www.ENT-congress.be)

## By public transportation

Participants that use public transport will be assured of **short travel times**. From the railway station, it is only a 10-minute walk, or 5 minutes by bus.

Take the train to Namur. From the railway station the route is signposted: on foot (10 min), by bus TEC number 27 or by taxi from the station (fee: € 5 - € 10)

Belgian rail: <http://www.belgianrail.be>

TEC timetable <http://www.infotec.be>

## By car

NamurExpo has the best location in the heart of Wallonia. At the junction of two major highways (E42 en E411) and less than one hour's drive from Brussels, Mons or Liège, from Antwerp, Kortrijk, Maastricht (Netherlands) and Luxemburg one hour and a half and finally two hours from Ghent and Lille (France), three hours from Paris (France) and Amsterdam (Netherlands).

- from the E411 motorway (Brussels - Luxembourg) exit 13 (Champion): go in the direction of the centre/railway station
- from the motorway E42 (Mons - Liège) take exit 12 (Namur-Ouest): go in the direction of the centre/railway station

### Parking Space

The car park opposite NamurExpo has spaces for 475 vehicles (rate: € 1,00 per parking hour). A negotiated price has been fixed to 4,25 €/day for the congress participants. Please be sure you reserve your ticket(s) when registering to the congress.

There is also plenty of parking in the surrounding streets but they are in mainly blue area. Please, do not forget your disk!

**Congress Secretariat**  
Tel.: +32 (0)9 233 86 60

Semico n.v. - Korte Meer 16, B-9000 Gent  
Fax: +32 (0)9 233 85 97 E-mail: [ORL@semico.be](mailto:ORL@semico.be)



# Annual Congress 2015 of the RBS ENT-HNS

## Business Speaking Area

If you need a quiet area, to talk to a colleague, representative of one of our partners or just need a moment to review the congress programme, than this is the place to be. This meeting area is the central meeting point of the congress.

## Networking Area

You are a resident looking for your next career move. You are a doctor offering or searching for second hand equipment or would like to find a colleague to share information or even start a project. This will be the wall to place your messages, requests or announcements...

## Association Area

The association area is the place where the different associations will be present with specific information and present themselves. If you are looking for information, please pay them a short visit....

## Take-Home Message

At the end of the sessions a 1 to 2-minutes 'Take-Home Message' will be formulated by the session secretary, who is a former president and/or leading member of VA-NKO.

## Registration for the Annual Congress 2015 of the RBS ENT-HNS

**Registration fee** \* (Registration by the enclosed form or on-line at [www.ENT-congress.be](http://www.ENT-congress.be))

	Early bird fee	Fee as of 20 October
Member Royal Belgian Society ENT-HNS		
23 October 2015	€ 60,00	€ 90,00
24 October 2015	€ 60,00	€ 90,00
23 & 24 October 2015	€ 120,00	€ 150,00
ENT doctor: Non-Member Royal Belgian Society ENT-HNS		
23 October 2015	€ 260,00	€ 290,00
24 October 2015	€ 260,00	€ 290,00
23 & 24 October 2015	€ 320,00	€ 350,00
Non-ENT doctor: Non-Member Royal Belgian Society ENT-HNS		
23 October 2015	€ 280,00	€ 310,00
24 October 2015	€ 280,00	€ 310,00
23 & 24 October 2015	€ 340,00	€ 370,00
Resident: Member Belgian Society ENT-HNS		
23 October 2015	€ 45,00	€ 75,00
24 October 2015	€ 45,00	€ 75,00
23 & 24 October 2015	€ 80,00	€ 110,00
Resident: Non-Member Belgian Society ENT-HNS		
23 October 2015	€ 90,00	€ 120,00
24 October 2015	€ 90,00	€ 120,00
23 & 24 October 2015	€ 150,00	€ 180,00
Member B-audio		
23 October 2015	€ 60,00	€ 90,00
24 October 2015	€ 60,00	€ 90,00
23 & 24 October 2015	€ 120,00	€ 150,00
Audiologist: Non-Member B-audio		
23 October 2015	€ 90,00	€ 120,00
24 October 2015	€ 90,00	€ 120,00
23 & 24 October 2015	€ 150,00	€ 180,00
Paramedical professional		
23 October 2015	€ 90,00	€ 120,00
24 October 2015	€ 90,00	€ 120,00
23 & 24 October 2015	€ 150,00	€ 180,00
Medical student /Audiology student		
23 October 2015	€ 30,00	€ 60,00
24 October 2015	€ 30,00	€ 60,00
23 & 24 October 2015	€ 60,00	€ 90,00
Congress Dinner (23 October 2015)	€ 100,00	€ 100,00
Accompanying Persons' Program		
23 October 2015	€ 25,00	€ 25,00
24 October 2015	€ 25,00	€ 25,00
Parking Ticket (Parking NamurExpo)		
23 October 2015	€ 4,25	€ 4,25
24 October 2015	€ 4,25	€ 4,25

\* The registration fee covers: admittance to the scientific sessions of the Royal Belgian Society ENT-HNS, final programme, access to the technical exhibition, lunches, refreshments during breaks and Namur Festive Flavor. (Attendance of Expert Meeting TORS is subject to separate registration).

# Social Program and Congress Dinner

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**Friday 23 October 2015**

## **17.00 A Namur Festive Flavor**

You are cordially invited to join the Namur Festive Favor. Come and taste the delicacies of the Namur region.

*Included in registration fee*

## **19.30 Dinner at the Château de Namur**



**Address:** Avenue de l'Ermitage 1, 5000 Namur

On top of the Namur citadel, within a framework of greenery and tranquility, the Château de Namur welcomes you in a peaceful & green surroundings, set back from urban constraints.

The Château de Namur was built in 1893 when Namur was considered as a riverside city and Spa as a thermal city. The Castle Hotel was destroyed during the First World War and rebuilt by the architect Ladrière in a particular Art Nouveau Style. It is situated on the top of the Citadel area and the view on the city from above is wonderful especially by night. It is also a hotel and a restaurant of application for the Royal Provincial Hotel School of Namur.

*Price dinner: € 100,00 / person*

# Accompanying Persons' Program

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## Friday 23 October 2015

### The city of Namur

- 08.00 Welcome in NamurExpo
- 09.00 Departure from NamurExpo by Citad'in
- 09.15 Visit of Old Namur with a guide
- 11.15 Free time and lunch in the center of Namur (on your own charge)
- 14.00 Visit of the Museum of Ancien Arts (Treasure of Hugo d'Oignies)
- 15.30 Return to NamurExpo with by Citad'in

Price per person: € 25,00 (included: guided tour old Namur, Entrance fee and guided visit of the Museum of Ancien Arts, transportation from and to NamurExpo by Citad'in – not included: lunch)

*Please note: tour will be cancelled if < 15 attendees. In that case and upon request, all information will be given to do the program individually. Please visit section social programme at [www.ENT-congress.be](http://www.ENT-congress.be) for details on content.*

## Saturday 24 October 2015

### Discover the Citadel of Namur and its hidden treasures

- 09.00 Welcome in NamurExpo
- 09.15 Departure from NamurExpo
- 10.00 Visitors' Center of the Citadel
- 11.00 Break. Have a coffee in the visitors' center.
- 11.15 Discover an astonishing underground life
- 12.30 Lunch in the Citadel (on your own charge)
- 13.30 Visit of the perfumery Guy Delforge
- 14.45 Transfer back to NamurExpo

Price per person: € 25,00 (included: Entrance fee visitors' center of the Citadel and Citadel underground, visit of perfumery, transportation from and to NamurExpo – not included: lunch)

*Please note: tour will be cancelled if < 15 attendees. In that case and upon request, all information will be given to do the program individually. Please visit section social programme at [www.ENT-congress.be](http://www.ENT-congress.be) for details on content.*

