

## General information

### Venue

Asklepios Children's Hospital Sankt Augustin  
German Pediatric Heart Centre  
Arnold-Janssen Straße 29 | 53757 Sankt Augustin (DE)

### Under the auspices of

European Society for Pediatric Neurosurgery (ESPN)  
European Association of Neurosurgical Societies (EANS)  
German Society of Neurosurgery (DGNC)  
International Society for Pediatric Neurosurgery (ISPN)

### Organizing committee

Prof. Dr. med. Martina Messing-Jünger  
Asklepios Children's Hospital Sankt Augustin  
Pediatric Neurosurgery



Prof. Dr. med. Gerd Horneff  
Asklepios Children's Hospital Sankt Augustin  
General Pediatrics & Adolescent Medicine

Prof. Dr. med. Friedhelm Brassel  
Sana Hospital Duisburg GmbH  
Radiology and Neuroradiology



Prof. Dr. med. Ulrich-W. Thomale  
Charité – University Medicine Berlin  
Division of Pediatric Neurosurgery



Prof. Dr. med. Martin U. Schuhmann  
University Hospital Tübingen  
Pediatric Neurosurgery



### Conference language

The official conference language is English.

### Conference organization

Conventus Congressmanagement & Marketing GmbH  
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## Speakers

Prof. Dr. med. Friedhelm Brassel  
Sana Hospital Duisburg GmbH

Ulrike Brokmeier  
Asklepios Clinic Sankt Augustin

Dr. med. Tobias Finger  
Charité – University Medicine Berlin

Prof. Dr. Christian Hedrich  
University of Liverpool

Dr. Stephan Herberhold  
University Hospital Bonn

Dr. med. Friedrich Herrmann  
Asklepios Clinic Sankt Augustin

Prof. Dr. med. Gerd Horneff  
Asklepios Clinic Sankt Augustin

Prof. Dr. med. Peter Huppke  
University Medical Center Göttingen

Dr. med. Nicolai Kohlschmidt  
Institut für klinische Genetik und Tumorgenetik Bonn

PD Dr. med. Matthias Krause  
Leipzig University Hospital

Prof. Dr. med. Martina Messing-Jünger  
Asklepios Children's Hospital Sankt Augustin

Prof. Dr. med. Aurelia Peraud  
University Hospital Ulm

Prof. Dr. med. Martin U. Schuhmann  
University Hospital Tübingen

PD Dr. med. Sophia Stöcklein  
Medical Center of the University of Munich

Prof. Dr. med. Ulrich Sure  
University Hospital Essen

PD Dr. med. Andrej Trampuz  
Charité – University Medicine Berlin

Dr. med. Albertus T. C. J. van Eck  
Gamma Knife Zentrum Krefeld

Dr. med. Ulrich von Both  
Medical Center of the University of Munich

Dr. med. Annette Weichselbaum  
University Hospital Tübingen

## Registration

Please register online at  
[www.pediatric-neurosurgery.eu](http://www.pediatric-neurosurgery.eu).



The registration fee is:  
Member ESPN/ EANS/ DGNC/ISPN  
Non-member

85 EUR  
100 EUR

## Certification

The conference will be applied for certification at the Medical Association of North Rhine.

## Sponsors and exhibitors

Carl Zeiss Meditec Vertriebsgesellschaft mbH (Oberkochen)  
mectron Deutschland Vertriebs GmbH (Freiburg)  
pro med instruments GmbH (Köln)  
RESORBA Medical GmbH (Nürnberg)

According to the guideline of the Medical Association of North Rhine for continuing medical education, July 2016, §8 (4) we inform you about the sponsoring sum:  
Carl Zeiss Meditec Vertriebsgesellschaft mbH: 500 EUR, mectron Deutschland Vertriebs GmbH: 1.500 EUR, pro med instruments GmbH: 1.500 EUR, RESORBA Medical GmbH: 1.500 EUR

## Interdisciplinary Pediatric Neurosurgery 2018

### 4. Interdisziplinäres Forum Pädiatrische Neurochirurgie

Chiari Arachnoid cysts  
Pediatric neurosurgery Cerebral palsy  
**arteriovenous malformation**  
tethered cord Diseases Nerve injury  
Pediatric Orthopedics Neurophysiology dysraphism  
**cavernomas Rehabilitation Pediatric anesthesia**  
**Epilepsy Infections** Nerve tumors  
traumatic brain injury  
Developmental neurology Spasticity Scoliosis  
**empyema Diagnostics Physiotherapy**  
**Pediatric Oncology Abscess**  
Hydrocephalus Spinal malformations  
Interdisciplinarity **Vein of Galen malformation**  
CNS tumors Oral and Maxillofacial Surgery



26–27  
October 2018

SANKT AUGUSTIN  
GERMANY



[www.pediatric-neurosurgery.eu](http://www.pediatric-neurosurgery.eu)

## Welcome note

Dear Colleagues,

Pediatric Neurosurgery is truly an interdisciplinary enterprise, where many specialists work hand in hand for the best outcome of infants, children and adolescents with neurosurgical diseases. The interdisciplinary routine as common solutions for unexpected challenges are one of the main keystones for the success of Pediatric Neurosurgery.

After having had two German and one successful international Meeting for interdisciplinary discussion on pediatric neurosurgical topics since 2015, we are approaching in 2018 the 4<sup>th</sup> edition of “Interdisciplinary Pediatric Neurosurgery“, the forum format for fruitful exchange between pediatric neurology, orthopedic and pediatric surgery, pediatric oncology, pediatric neuroradiology, pediatric neurosurgery and all associated specialists of the head region like ophthalmology, ENT and maxillofacial surgery.

This year’s forum will deal on the first day with the interdisciplinary treatment of cerebrovascular diseases. The second day will focus on all interdisciplinary aspects around CNS infections, including bacterial, viral or autoimmune entities in the pediatric age group.

The meeting will be organized by interdisciplinary teams from Sankt Augustin (M. Messing-Jünger and G. Horneff) and Duisburg (F. Brassel).

We hope to welcome you to the true excitement of interdisciplinary crossover, which will this year take place in the western part of Germany, in Sankt Augustin near Bonn.

With cordial regards  
and on behalf of the whole interdisciplinary organizing committee

Martin U. Schuhmann, Tübingen  
Ulrich-W. Thomale, Berlin  
Martina Messing-Jünger, Sankt Augustin

## Program | Friday, 26 October

### Theme complex – Vascular Lesions of the CNS

11:00–12:00 *Welcome coffee*

12:00–12:15 **Welcome**  
M. Messing-Jünger (Sankt Augustin)  
G. Horneff (Sankt Augustin)  
F. Brassel (Duisburg)  
M. Schuhmann (Tübingen)

12:15 Moya-Moya-Syndrome – etiology, diagnostics and treatment options  
N.N.

12:45 Vein of Galen-malformation – diagnostics, classification and treatment options  
F. Brassel (Duisburg)

13:15 Arterio-venous malformations and fistulas: diagnostics, classification and treatment options  
F. Brassel (Duisburg)

13:45–14:15 *Coffee break within the industrial exhibition*

14:15 Gamma-knife therapy of pediatric AVMs: indications and results  
A. T. C. J. van Eck (Krefeld)

14:35 Surgical management of acute AVM-bleeding  
M. U. Schuhmann (Tübingen)

14:55 Diagnostics in neonatal stroke  
S. Stöcklein (München)

15:15 Round table – How to treat incidental AVMs  
F. Brassel (Duisburg)  
A. T. C. J. van Eck (Krefeld)  
M. U. Schuhmann (Tübingen)

15:45–16:15 *Coffee break within the industrial exhibition*

16:15 Operative treatment of cavernomas: When and how?  
U. Sure (Essen)

16:45 Genetics in cavernomas and other vascular CNS lesions  
N. Kohlschmidt (Bonn)

17:15 Diagnostics in inflammatory and autoimmune CNS diseases  
S. Stöcklein (München)

17:45 ADEM and demyelination  
P. Huppke (Göttingen)

**From 19:00 Joint dinner**

## Program | Saturday, 27 October

### Theme complex – Inflammatory and Autoimmune Diseases of the CNS

07:30–08:00 *Welcome coffee*

08:00 Brain abscess and subdural empyema: neurosurgical therapy  
Matthias Krause (Leipzig)

08:20 HNO-infections – consequent treatment to prevent secondary CNS manifestations  
S. Herberhold (Bonn)

08:40 Cerebral abscesses and empyemas – pediatric perspective  
A. Weichselbaum (Tübingen)

09:00 The challenge of childhood tuberculosis: a CNS perspective  
U. von Both (Munich)

09:20 Encephalitis and cerebral vasculitis  
A. Weichselbaum (Tübingen)

09:50–10:20 *Coffee break within the industrial exhibition*

10:20 Rheumatoid and autoimmune diseases with CNS-manifestation  
C. Hedrich (Liverpool/GB)

10:50 Autoinflammation  
G. Horneff (Sankt Augustin)

11:20 VGM-associated Hydrocephalus: When and how to treat?  
A. Peraud (Ulm)

### Theme complex – Shunt Infection

11:40 Surgical infectiology  
A. Trampuz (Berlin)

12:10–13:00 *Lunch within the industrial exhibition*

13:00 It’s always the shunt – It’s never the shunt: pediatric management of potential shunt infections  
F. Herrmann (Sankt Augustin)

13:20 Neurosurgical management of shunt infections  
T. Finger (Berlin)

13:50 Surgical management of intraabdominal infections associated with VP-shunt  
U. Brokmeier (Sankt Augustin)

14:20–14:30 **Closing remarks**  
M. U. Schuhmann (Tübingen)  
M. Messing-Jünger (Sankt Augustin)  
G. Horneff (Sankt Augustin)  
F. Brassel (Duisburg)