Dear colleagues,

it is my pleasure to announce the

11th Homburger Neuroendoscopy Week
at the
Department of Neurosurgery
Saarland University, Homburg-Saar / Germany,

Due to the success of the last years, we offer 3 MODULES in 2022 again.

**Module 1** is focused on the interdisciplinary approach to the skullbase in cooperation with our ENT-DEPARTMENT of Professor Schick. The new developments in endoscopic skullbase surgery are presented to you by an international faculty. Additional HANDS-ON COURSES will provide demonstrations of endoscopic techniques as well as time to enhance your own surgical skills on HUMAN CADAVERS. Interdisciplinary LIVE SURGERIES will be presented to you in HD-technology and in an interactive setting.

**Module 2** will focus on intraventricular endoscopy and pediatric neurosurgery. HUMAN CADAVERS and ANIMAL MODELS are also included.

**Module 3** is focused of the currently most important available techniques in minimally invasive spine surgery. This module also contains a HUMAN CADAVER WORKSHOP lasting several hours.

As before a selected variety of innovate neurosurgical products will be presented in the accompanying INDUSTRIAL EXHIBITION.

We are looking forward to welcoming you in Homburg-Saar for a week full of new exciting experiences.

Sincerely yours,
Sunday, Sept. 11, 2022

05:00 pm - 07:15 pm  „Schlossberg Hotel“, Homburg-Saar

05:00 pm  Registration
06:00 pm  Welcome and Opening
06:00 pm  Introduction to Skull Base Neuroendoscopy  
J. OETEL
06:15 pm  Endoscopic Skull Base Surgery - Neurosurgeon Perspective  
J. OETEL
06:30 pm  Endoscopic Skull Base Surgery - ENT Persepective  
B. SCHICK

06:45 pm  Online Lecture
06:45 pm  TO THE ORBIT AND BEYOND: FINAL FRONTIERS AND LIMITATIONS OF ENDOSCOPIC SKULL BASE SURGERY  
P. TOMAZIC

07:00 pm  Invited Lecture
07:00 pm  ENDOSCOPY IN A GALIC VILLAGE - INDICATIONS AND TECHNIQUES  
C. TSCHAN

07:15 pm  Get-Together  
Schlossberg-Hotel, Homburg

Monday, Sept. 12, 2022

08:00 am - 12:00 pm  Build. 90.1 - Neuro Center

08:00 am  Welcome and Opening
08:15 am  Case Presentation
08:30 am  LIVE SURGERY
09:10 am  Pituitary Function and postoperative Management  
S. LINSLER
09:20 am  Mononostril vs. Binostril  
J. OETEL
09:35 am  COFFEE BREAK
09:50 am  Complication Avoidance in Transnasal Surgery  
A. BOZZATO

09:50 am  Invited Lectures
10:05 am  SURGICAL TECHNIQUE OF ENDOSCOPIC ENDONASAL EXCISION OF PITUITARY ADENOMAS  
W. AZAB
10:20 am  UNLOCKING THE LATERAL Cavernous Sinus Compartment in Endoscopic Endonasal Approach to Parasellar Adenomas  
R. Bošnjak
10:35 am  LIVE SURGERY
11:30 am  ENDONASAL CLIPPING OF CAROTID ANEURYSMS IN SPHENOID SINUS  
A. CORDOBA
11:45 am  ROLE OF ENDOSCOPE IN SURGERY IN AND AROUND THE BRAINSTEM  
A. AYYAD

12:00 pm - 06:30 pm  Build. 61 - Anatomy

12:00 pm  LUNCH BREAK
12:30 pm  HANDS-ON COURSE I: DEMONSTRATION ON HUMAN CADEAVAS
04:30 pm  End of the scientific part
06:30 pm  Course dinner  
Restaurant "Die Scheune", Kirkel

Invited Speaker

ALI AYYAD, Doha, Qatar
WALEED AZAB, Kuwait City, Kuwait
ROMAN BOŠNJAK, Ljubljana, Slovenia
ALVARO CORDOBA, Montevideo, Uruguay
CHANDRASHEKHAR DEOPUJARI, Mumbai, India
PETER VALENTIN TOMAZIC, Graz, Austria - online lecture -
CHRISTOPH TSCHAN, Meppen, Germany

Local Speaker

ALLESANDRO BOZZATO, Homburg-Saar, Germany
GERRIT FISCHER, Homburg-Saar, Germany
STEFAN LINSLER, Homburg-Saar, Germany
JOACHIM OETEL, Homburg-Saar, Germany
BERNHARD SCHICK, Homburg-Saar, Germany

Wifi connection Endoscopy Week 2022
user: NEW
PW: 3763727229
### Tuesday, Sept. 13, 2022

**08:00 am - 12:00 pm**  
**Build. 90.1 - Neuro Center**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>08:00</td>
<td>Welcome and Opening</td>
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<tr>
<td>08:15</td>
<td>Case Presentation</td>
</tr>
<tr>
<td>08:30</td>
<td><strong>LIVE SURGERY</strong></td>
</tr>
<tr>
<td>09:00</td>
<td><strong>Invited Lecture</strong></td>
</tr>
</tbody>
</table>
| 09:00  | **ENDOSCOPIC ASSISTED MICROSURGERY IN ANTERIOR CRANIAL FOSSA PATHOLOGIESE**  
|        | A. Ayyad                                                             |
| 09:15  | Endoscopic Assisted Aneurysm Surgery                                 |
|        | G. Fischer                                                           |
| 09:15  | **LIVE SURGERY**                                                     |
| 09:30  | **COFFEE BREAK**                                                     |
| 09:45  | Endoscopic assisted Surgery in Posterior Cranial Fossa               |
|        | J. Oertel                                                            |
| 10:10  | **Invited Lecture**                                                  |
| 10:10  | **ENDONASAL ENDOSCOPY IN CHILDREN OR RATKE'S CLEFT CYST IN SKULL BASE SESSION**  
|        | C. Deopujari                                                        |
| 10:25  | **LIVE SURGERY**                                                     |
| 12:00  | **LUNCH BREAK**                                                      |
| 12:30  | **HANDS-ON COURSE II: DEMONSTRATION ON HUMAN CADAVERS**             |
| 04:30  | Closing remarks and handing out of certificates                      |

--- CLOSURE OF MODULE 1 ---

**05:00 pm - 07:05 pm**  
**„Schlossberg Hotel“, Homburg-Saar**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>05:00</td>
<td>Registration</td>
</tr>
<tr>
<td>06:00</td>
<td>Welcome and Opening</td>
</tr>
<tr>
<td>06:05</td>
<td>Introduction to intracranial Neuroendoscopy</td>
</tr>
<tr>
<td></td>
<td>J. Oertel</td>
</tr>
<tr>
<td>06:20</td>
<td><strong>Invited Lectures</strong></td>
</tr>
<tr>
<td>06:20</td>
<td><strong>ENDOSCOPIC THIRD VENTRICOLOSTOMY</strong></td>
</tr>
<tr>
<td></td>
<td>C. Deopujari</td>
</tr>
<tr>
<td>06:35</td>
<td><strong>NEURONAVIGATION FOR ENDOSCOPIC VENTRICULAR PROCEDURES</strong></td>
</tr>
<tr>
<td></td>
<td>S. Wolfsberger</td>
</tr>
<tr>
<td>06:50</td>
<td><strong>ROLE OF ENDOSCOPY IN THE MANAGEMENT OF COMPLEX HYDROCEPHALUS</strong></td>
</tr>
<tr>
<td></td>
<td>A. Grotenhuis</td>
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<tr>
<td>07:05</td>
<td><strong>GET-TOGETHER</strong></td>
</tr>
<tr>
<td></td>
<td>Ohlilio - Ristorante Pizzeria, Homburg</td>
</tr>
</tbody>
</table>

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**INVITED SPEAKER**  
**MODULE 2**

**ALI AYYAD**, Doha, Qatar  
**ARTUR DA CUNHA**, Recife, Brazil - [online lecture] -  
**ALVARO CORDOBA**, Montevideo, Uruguay  
**CHANDRASHEKHAR DEOPUJARI**, Mumbai, India  
**FREDERICO DI ROCCO**, Lyon, France - [online lecture] -  
**ANDRÉ GROTHENHUIS**, Nijmegen, The Netherlands  
**TENOCHE HERRADA-PINEDA**, Mexico City, Mexico  
**JONATHAN ROTH**, Tel Aviv, Israel - [online lecture] -  
**JACEK SZCZYGIELSKI**, Rzeszów, Poland  
**CHRISTOPH TSCHAN**, Meppen, Germany  
**STEFAN WOLFSBERGER**, Graz, Austria
### Wednesday, Sept. 14, 2022

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>08:00 am</td>
<td>Welcome and Opening</td>
</tr>
<tr>
<td>08:30 am</td>
<td><strong>LIVE SURGERY</strong></td>
</tr>
<tr>
<td>09:00 am</td>
<td>Invited Lecture</td>
</tr>
<tr>
<td>09:15 am</td>
<td>Endoscopic Treatment of Craniosynostosis</td>
</tr>
<tr>
<td>09:30 am</td>
<td>Online Lecture</td>
</tr>
<tr>
<td>09:45 am</td>
<td>Management of Intraoperative Complications during Intraventricular Procedures</td>
</tr>
<tr>
<td>10:00 am</td>
<td><strong>Coffee Break</strong></td>
</tr>
<tr>
<td>10:15 am</td>
<td><strong>LIVE SURGERY</strong></td>
</tr>
<tr>
<td>11:15 am</td>
<td>Online Lecture</td>
</tr>
<tr>
<td>11:30 am</td>
<td>Invited Lecture</td>
</tr>
<tr>
<td>11:45 am</td>
<td>Lunch Break</td>
</tr>
<tr>
<td>01:00 pm</td>
<td><strong>Hands-on Course III: Neuroendoscopy in Animal Models</strong></td>
</tr>
</tbody>
</table>

#### Course Breakdown:
- **Station 1:** Animal Model
- **Station 2:** Augmented Reality Planning
- **Station 3:** Case Discussion

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>05:30 pm</td>
<td>End of the scientific part</td>
</tr>
<tr>
<td>06:30 pm</td>
<td>Course dinner</td>
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### Thursday, Sept. 15, 2022

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:00 am</td>
<td>Welcome and Opening</td>
</tr>
<tr>
<td>08:30 am</td>
<td><strong>LIVE SURGERY</strong></td>
</tr>
<tr>
<td>09:00 am</td>
<td>Invited Lectures</td>
</tr>
<tr>
<td>09:10 am</td>
<td>How to Avoid Complications during Endoscopic Third Ventriculostomy</td>
</tr>
<tr>
<td>09:25 am</td>
<td>Role of Endoscope in Surgery in and Around the Brainstem</td>
</tr>
<tr>
<td>09:40 am</td>
<td>Coffee Break</td>
</tr>
<tr>
<td>09:55 am</td>
<td>Invited Lecture</td>
</tr>
<tr>
<td>10:10 am</td>
<td>Confocal Endoscopy in Tumors</td>
</tr>
<tr>
<td>10:25 am</td>
<td>Endoscopic Treatment of Shunt Disorders</td>
</tr>
<tr>
<td>12:00 pm</td>
<td>Lunch Break</td>
</tr>
<tr>
<td>12:30 pm</td>
<td><strong>Hands-on Course IV: Intraventricular Neuroendoscopy on Human Cadavers</strong></td>
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</tbody>
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<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>04:30 pm</td>
<td>Closing remarks and handing out of certificates</td>
</tr>
</tbody>
</table>

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**Local Speaker**
- Stefan Linsler, Homburg-Saar, Germany
- Joachim Oertel, Homburg-Saar, Germany
- Sebastian Senger, Homburg-Saar, Germany
**Thursday, Sept. 15, 2022**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>05:30 pm</td>
<td>Registration</td>
</tr>
<tr>
<td>06:00 pm</td>
<td>Welcome and Opening</td>
</tr>
<tr>
<td>06:05 pm</td>
<td>Introduction to Spinal Endoscopy</td>
</tr>
<tr>
<td></td>
<td><em>J. Oertel</em></td>
</tr>
<tr>
<td><strong>Invited Lectures</strong></td>
<td></td>
</tr>
<tr>
<td>06:20 pm</td>
<td>Minimally invasive Spine Surgery: Using a tube system for lumbar spinal stenosis</td>
</tr>
<tr>
<td></td>
<td><em>I. Polythodorakis</em></td>
</tr>
<tr>
<td>06:35 pm</td>
<td>The SpineTIP System</td>
</tr>
<tr>
<td></td>
<td><em>T. Lübers</em></td>
</tr>
<tr>
<td><strong>Online Lecture</strong></td>
<td></td>
</tr>
<tr>
<td>06:50 pm</td>
<td>The influence of Spinal Endoscopy on spinal microsurgery</td>
</tr>
<tr>
<td></td>
<td><em>L. Papavero</em></td>
</tr>
<tr>
<td>07:05 pm</td>
<td>Get-Together</td>
</tr>
<tr>
<td></td>
<td>Schlossberg-Hotel, Homburg</td>
</tr>
</tbody>
</table>

**Invited Speaker**

- **Arman Akopian**, Yerevan, Armenia
- **Benedikt Burkhardt**, Zurich, Switzerland
- **Satnam Singh Chhabra**, Delhi, India
- **Erwin Cornips**, Genk, Belgium
- **Thomas Lübers**, Leer, Germany
- **Pierluigi Manchiaro**, Padova, Italy
- **Luca Papavero**, Hamburg, Germany - [online lecture](#)
- **Nikolay Peev**, Belfast, Northern Ireland
- **Ioannis Polythodorakis**, Athens, Greece
- **Shrinivas Mahadeo Rohidas**, Kolhapur, India
- **Abdelfattah Saoud**, Cairo, Egypt
- **Salman Sharif**, Karachi, Pakistan
- **Christoph Tschank**, Meppen, Germany
- **Jan-Peter Warnke**, Zwickau, Germany

**Friday, Sept. 16, 2022**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>08:00 am</td>
<td>Welcome and Opening</td>
</tr>
<tr>
<td>08:15 am</td>
<td>Case Presentation</td>
</tr>
<tr>
<td>08:30 am</td>
<td><strong>LIVE SURGERY</strong></td>
</tr>
<tr>
<td><strong>Invited Lectures</strong></td>
<td></td>
</tr>
<tr>
<td>09:30 am</td>
<td>Thoracoscopic treatment of thoracic disc herniation</td>
</tr>
<tr>
<td></td>
<td><em>E. Cornips</em></td>
</tr>
<tr>
<td>09:45 am</td>
<td>Endoscopic approach to lumbar spine with Endospine Plus</td>
</tr>
<tr>
<td></td>
<td><em>S. Chhabra</em></td>
</tr>
<tr>
<td>10:00 am</td>
<td><strong>Coffee Break</strong></td>
</tr>
<tr>
<td>10:15 am</td>
<td>Endoscopic treatment of leptomeningeopathies</td>
</tr>
<tr>
<td></td>
<td><em>J.-P. Warnke</em></td>
</tr>
<tr>
<td>10:30 am</td>
<td>Spinal endoscopy: From the diagnosis to the treatment in complex spinal pain</td>
</tr>
<tr>
<td></td>
<td><em>P. Manchiaro</em></td>
</tr>
<tr>
<td>10:45 am</td>
<td>EasyGOing cervical - experience of cervical endoscopic spine surgery</td>
</tr>
<tr>
<td></td>
<td><em>C. Tschank</em></td>
</tr>
<tr>
<td>11:00 am</td>
<td><strong>LIVE SURGERY</strong></td>
</tr>
<tr>
<td>11:40 am</td>
<td>Endoscopic translaminar approach for migrated lumbar disc herniation</td>
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<tr>
<td></td>
<td><em>B. Burkhardt</em></td>
</tr>
<tr>
<td>11:55 am</td>
<td>Lumbar Disc Endoscopic Surgery: Comparison of methods</td>
</tr>
<tr>
<td></td>
<td><em>A. Akopian</em></td>
</tr>
<tr>
<td>12:00 pm</td>
<td>Lunch Break</td>
</tr>
<tr>
<td>12:30 pm</td>
<td><strong>Hands-on Course V: Lumbar Spine - Demonstration on Human Cadavers</strong></td>
</tr>
<tr>
<td>05:00 pm</td>
<td>End of hands on course</td>
</tr>
<tr>
<td>07:00 pm</td>
<td><strong>Course dinner</strong></td>
</tr>
<tr>
<td></td>
<td>Ski- und Wanderhütte, Kirrberg</td>
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</table>
### Module 3
#### Saturday, Sept. 17, 2022

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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</thead>
<tbody>
<tr>
<td>08:00 am</td>
<td>Welcome and Opening</td>
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<tr>
<td>08:10 am</td>
<td>Complication avoidance</td>
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<tr>
<td></td>
<td><strong>J. OERTEL</strong></td>
</tr>
<tr>
<td>08:25 am</td>
<td><strong>Invited Lectures</strong></td>
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<tr>
<td>08:30 am</td>
<td><strong>Complication Avoidance in Interlaminar and Transforaminal Endoscopy</strong></td>
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<tr>
<td></td>
<td><strong>S. SHARIF</strong></td>
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<tr>
<td>08:40 am</td>
<td><strong>The Endoscopic Discectomy How to Start</strong></td>
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<tr>
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<td><strong>N. PEEV</strong></td>
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<tr>
<td>08:55 am</td>
<td><strong>Minimal Access Treatment of Sacral Fractures and Sacroiliac Problems</strong></td>
</tr>
<tr>
<td></td>
<td><strong>A. SAOUD</strong></td>
</tr>
<tr>
<td>09:30 am</td>
<td><strong>Coffee Break</strong></td>
</tr>
<tr>
<td>09:45 am</td>
<td><strong>Hands-on Course VI:</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Cervical Spine - Demonstration on Human Cadavers</strong></td>
</tr>
<tr>
<td>12:00 pm</td>
<td><strong>Lunch Break</strong></td>
</tr>
<tr>
<td>12:30 pm</td>
<td><strong>Invited Lecture</strong></td>
</tr>
<tr>
<td>12:30 pm</td>
<td><strong>Various Techniques of Endoscopic Techniques for Youngsters</strong></td>
</tr>
<tr>
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<td><strong>S. ROHIDAS</strong></td>
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<tr>
<td>12:45 pm</td>
<td><strong>Hands-on Course VII:</strong></td>
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<tr>
<td></td>
<td><strong>Demonstration on Human Cadavers</strong></td>
</tr>
<tr>
<td>01:15 pm</td>
<td>Future of Neuroendoscopy</td>
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<td></td>
<td><strong>J. OERTEL</strong></td>
</tr>
<tr>
<td>01:30 pm</td>
<td>Closing remarks and handing out of certificates</td>
</tr>
<tr>
<td>01:30 pm</td>
<td><strong>- - - Closure of Module 3 - - -</strong></td>
</tr>
</tbody>
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### Local Speaker
- **Stefan Linsler**, Homburg-Saar, Germany
- **Joachim Oertel**, Homburg-Saar, Germany

To find Taxi & Transfer services in Homburg / Saar scan this QR Code for more information:

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Many thanks to our industry partners for the kindly support:

* with an amount 500 - 3500 Euro