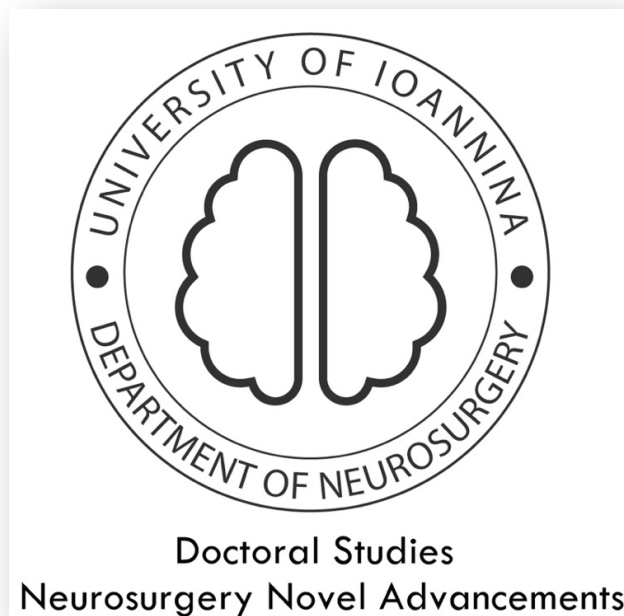


International Conference

# Neurosurgery Novel Advancements



September 01-03, 2023

Ioannina, Greece



Operational Programme  
**Human Resources Development,  
Education and Lifelong Learning**  
Co-financed by Greece and the European Union



International Conference  
**Neurosurgery Novel Advancements**

September 01-03, 2023  
Ioannina, Greece  
Central Hall 2 Epirus Palace Congress & Spa Hotel

### Conference Schedule

#### FRIDAY, SEPTEMBER 1, 2023

**19:00-19:30 Registration**

**19:30-20:00 Introduction to the Workshop Objectives and Participants**

**20:00-22:00 Welcome Reception**

#### SATURDAY, SEPTEMBER 2, 2023

**09:15-09:30 Welcome Addresses**

##### Opening Ceremony

Professor Anna Batistatou, Rector of the University of Ioannina,  
Greece

**09:30-10:00 1<sup>st</sup> Session: Novel Concepts in Spine Surgery**

**Chair:** A. Zigouris, D. Skiada

This program is co-financed by Greece and the European Union (European Social Fund- ESF) through the Operational Programme «Human Resources Development, Education and Lifelong Learning 2014-2020» in the context of the project “Neurosurgery Novel Advancements” (MIS 5162213).

## **Pathophysiology of Intervertebral Disc Herniation**

A. Zigouris

## **Cervical Degenerative Disease**

A. Sotiropoulos

## **Thoracic Degenerative Disease**

D. Skiada

## **Lumbar Degenerative Disease**

D. Skiada

### **10:00-10:30 Lecture: Tsinghua AVM Grading System for Endovascular**

**Embolization** (online presentation)

**Speaker: X. Lv**

**Chair: S. Voulgaris, G. Alexiou**

### **10:30-11:00 Lecture: DBS for Neuropathic Pain** (online presentation)

**Speaker: W. Eisner**

**Chair: S. Voulgaris, G. Alexiou**

**11:00-11:45 2<sup>nd</sup> Session: Patient Management & Novel Nursing**

**Protocols in Neurosurgery**

**Chair:** G. Zika, M. Fotiadou

**Neuronavigation in Spine Surgery. A Historical Perspective**

G. Zika

**Fluorescence-Guided Surgery in Glioblastoma. Nursing Care**

C. Exarchos

**Care of the Patient with Movement Disorders and Deep Brain Stimulation**

S. Menti

**Intraoperative Nursing Care in Neurosurgery. Novel Advancements**

P. Vasileiou

**Neurosurgical Rehabilitation**

E. Koutsos

**11:45-12:00 Coffee Break**

**12:00-13:00 3<sup>rd</sup> Session: Stereotactic and Functional Neurosurgery**

**Chair:** S. Voulgaris, G. Alexiou

## **DBS for Movement Disorders**

A. Zigouris

## **DBS for Psychiatric Conditions**

G. Alexiou

## **Anesthetic Challenges for Deep Brain Stimulation**

A. Lena

## **Management of Pain and Spasticity**

D. Pachatouridis

**13:00-13:30 Lecture: Pediatric Posterior Fossa Tumors** (online presentation)

**Speaker:** R. Rehder

**Chair:** S. Voulgaris, G. Alexiou

**13:30-14:15 4<sup>th</sup> Session: Neuro-Oncology**

**Chair:** S. Voulgaris, D. Pachatouridis

## **Art Therapy in Medicine**

K. Exarchou

## **Intradural Extramedullary Tumors. What's New?**

S. Voulgaris

## **Promising Novel Agents for Glioma Treatment**

G. Alexiou

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**14:15-15:00 Lunch**

**15:00-16:00 5<sup>th</sup> Session: Neuro-Trauma**

**Chair:** S. Voulgaris, D. Pachatouridis

**Novel Biomarkers for TBI**

G. Alexiou

**Monitoring of TBI Patients**

A. Zigouris

**Decompressive Craniectomy**

E. Michos

**Cranioplasty: When and Why**

D. Pachatouridis

**16:00-16:15 Coffee Break**

**16:15-17:00 6<sup>th</sup> Session: Young Neurosurgeons**

**Chair:** D. Pachatouridis, E. Michos

**Management of Non-traumatic Intraparenchymal Hematomas**

M. Lampros

**Low-grade Glioma Management**

D. Metaxas

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## **Shunt Complication Management**

G. Kafritsas

**17:00-18:00 Walking Tour at the University of Ioannina**

**SUNDAY, SEPTEMBER 3, 2023**

**09:30-10:30 Poster Session <sup>1</sup>**

**10:30-11:00 Group Discussion – Closing Remarks**

**11:00-11:30 Coffee Break**

**11:30-12:15 Interaction Between Students and Professors Participating in  
the International Ph.D. Programmes of University of Ioannina**

**12:15-12:30 Award of Participation Certificates**

**12:30-13:30 Walking Tour at Ioannina City Center**

**17:00-18:00 Visit to the Museums of Ioannina City**

### **Event Closing**

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<sup>1</sup> All poster submissions must be sent until 28 August 2023 to: [galexiou@uoi.gr](mailto:galexiou@uoi.gr), cc: [e.tsavou@uoi.gr](mailto:e.tsavou@uoi.gr)

## **SPEAKERS -CHAIRMEN**

|                                |                                                                                                                                                     |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Alexiou Georgios</b>        | Associate Professor of Neurosurgery, University of Ioannina, Greece                                                                                 |
| <b>Eisner Wilhelm</b>          | Univ.-Prof. Dr., Department of Neurosurgery, Medizinische Universität Innsbruck, Austria.                                                           |
| <b>Exarchos Christos</b>       | RN, MSc, cPhD, Department of Neurosurgery, University Hospital of Ioannina, Greece                                                                  |
| <b>Exarchou Kleopatra</b>      | Archaeologist, Head of Department for Culture, City Municipality of Ioannina, Greece                                                                |
| <b>Fotiadou Maria</b>          | RN, Head Nurse, Department of Neurosurgery, University Hospital of Ioannina, Greece                                                                 |
| <b>Kafritsas Georgios</b>      | Chief Resident, Department of Neurosurgery, University Hospital of Ioannina, Greece                                                                 |
| <b>Koutsos Evangelos</b>       | Physiotherapist, University Hospital of Ioannina, Greece                                                                                            |
| <b>Lampros Marios</b>          | Resident. Department of Neurosurgery, University Hospital of Ioannina, Ioannina, Greece                                                             |
| <b>Lena Arian</b>              | Consultant, Department of Anesthesiology, University Hospital of Ioannina, Ioannina, Greece                                                         |
| <b>Lv Xianli</b>               | Associate Professor. Neurosurgery Department. Beijing Tsinghua Changgung Hospital, School of Clinical Medicine, Tsinghua University. Beijing China. |
| <b>Menti Sofia</b>             | RN, MSc, Department of Neurosurgery, University Hospital of Ioannina, Greece                                                                        |
| <b>Metaxas Dimitrios</b>       | Neurosurgeon, Department of Neurosurgery, University Hospital of Ioannina, Ioannina, Greece                                                         |
| <b>Michos Evangelos</b>        | Senior Consultant, Department of Neurosurgery, University Hospital of Ioannina, Ioannina, Greece                                                    |
| <b>Pachatouridis Dimitrios</b> | Senior Consultant, Department of Neurosurgery, University Hospital of Ioannina, Ioannina, Greece                                                    |



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**Rehder Roberta**

Fellowship Pediatric Neurosurgery Boston  
Children's Hospital, Harvard Medical School and  
Johns Hopkins Hospital (USA)  
Chief of Pediatric Neurosurgery, Santa Marcelina Hospital  
SP (Brazil)

**Skiada Dionysoula**

Locum Consultant Neurosurgeon, University Hospital of  
Ioannina, Greece

**Sotiropoulos Athanasios**

Locum Consultant Neurosurgeon, University Hospital of  
Ioannina, Greece

**Vasileiou Panagiota**

RN, MSc, Operating Theatre Nurse,  
University Hospital of Ioannina, Greece

**Voulgaris Spyridon**

Professor of Neurosurgery, Director of Neurosurgery  
Department, University Hospital of Ioannina, Greece

**Zigouris Andreas**

MD, PhD, Senior Consultant, Department of Neurosurgery,  
University Hospital of Ioannina, Ioannina, Greece

**Zika Giolanta**

RN, MSc, PhD, Director of Nursing Department, University  
Hospital of Ioannina, Greece



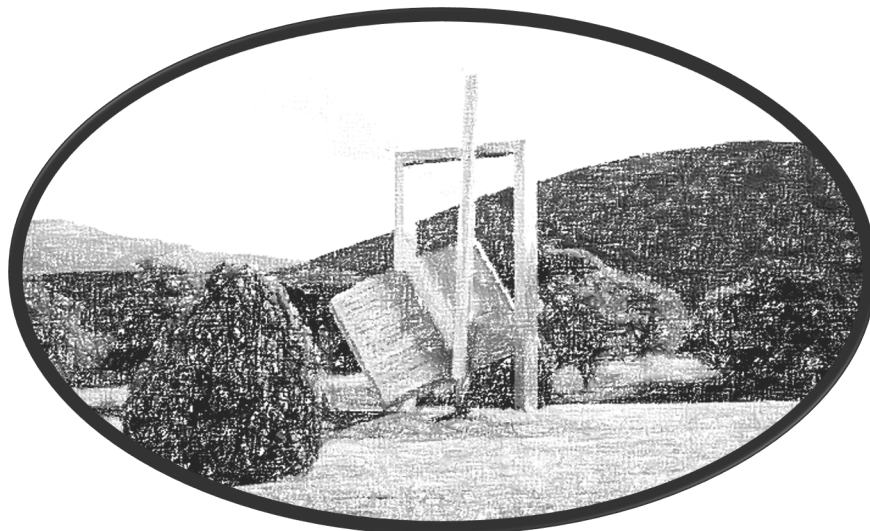
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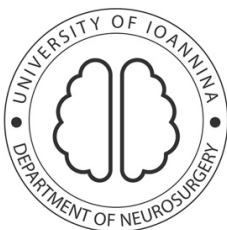
**Overview of the Activity:** To provide a forum for undergraduate, graduate or post-graduate students and healthcare professionals to connect and talk about new research discoveries with other professionals in the field. Network with scientist from institutions and practices worldwide. Present the research performed from the program's faculty and their areas of interest. Identifying possible research supervisors and mentors with comparable research interests.

**Educational Objectives and Goals:** To present the latest neurosurgical innovations and be inspired by speakers in the frame of preparation for the PhD program.

**Audience:** Undergraduate, graduate or post-graduate students, residents, neurosurgeons, healthcare professionals.



**University of  
Ioannina**



Doctoral Studies  
Neurosurgery Novel Advancements



**Faculty of  
Medicine**

**#NNA2023**

