



WSSFN SUMMER NEWSLETTER

2023

WORLD SOCIETY FOR STEREOTACTIC AND FUNCTIONAL NEUROSURGERY

In This Issue

- Letter from the President
- 13th Scientific Meeting of AASSFN Report
- 2nd Deep Brain Stimulation & Pain Interventions Cadaver Course
- Functional Neurosurgery – Keep Alive Its Diversity
- Obituaries
- Webinar Information
- Upcoming Meetings

LETTER FROM THE EDITOR



DR. HARITH AKRAM, MChB
PhD FRCS (NEURO. SURG)

Dear friends and members of the WSSFN,

I hope you have had a great summer (and an equally terrific winter for those of you living the Southern Hemisphere). Thank you again for your contributions to our Newsletter. In this issue, you will find a communication from our past President, Professor Jin Woo Chang (Seoul, Korea) reporting on a successful 13th Scientific Meeting of the Asian Australasian Society for Stereotactic and Functional Neurosurgery (AASSFN 2023). The meeting took place in Osaka, Japan in April. We have a report from Dr Vanessa Milanese (São Paulo, Brazil) on yet another notable 2nd Deep Brain Stimulation and Pain Interventions Cadaver Course that took place in Istanbul, Turkey in May. Professor Walid Abdel Ghani, President of the Middle Eastern Society for Stereotactic and Functional Neurosurgery (MSSFN) reports from Cairo on the joint meeting of the Egyptian Society for Neurological Surgeons (ESNR) and the Ain Shams University with support from the MSSFN. I would also implore you to read and pay attention to a letter from Professor Marc Sindou (Lyon, France), past President of the WSSFN making the case for keeping our specialty diverse, looking into the future with an eye on “Restorative Neurosurgery”.

Sadly, this year we lost three notable figures and leaders in our field. Dr Tasker who passed away in April and was undoubtedly a functional neurosurgery giant. I have never had the privilege of meeting him but I, like so many, have so much to thank him for. Professor Andres Lozano (Toronto, Canada) writes a moving obituary in remembrance of Dr Tasker including his other passion and interests in natural history, birds, and butterflies. We have also lost Professor Manuel Dujovny who passed away in Michigan, USA in May, a true polymath, and innovator as well as a distinguished mentor and academic. Dr Fabian Cremaschi has kindly written a touching obituary in his remembrance. And last but not least, we sadly lost Professor Mario Meglio, past President of the International Modulation Society (INS) with an obituary written by Professor Andrea Landi, President of the Italian Chapter of the INS, which Professor Meglio had founded.

In this issue, you will find details of future meetings for your diary. I am looking forward to receiving your communications for our coming Autumn Newsletter.

And for those attending the ESSFN meeting in Stockholm 27 – 30 Sep, see you very soon!

TRAVEL GRANTS AVAILABLE FOR WSSFN INTERIM MEETING

See page 10 for more information.



DR. KONSTANTIN SLAVIN, MD

Letter from the President

Dear Colleagues,

There is no question that we live in exciting times: the rapid progress in the field of stereotactic and functional neurosurgery is palpable in every facet of our clinical and research work. And I do not simply mean introduction of novel modalities, be that MR-guided focused ultrasound for thermal destruction of the nervous tissue or robotic guidance in stereotactic navigation, but also the remarkable renaissance of destructive interventions (with recent regulatory approvals of stereotactic radiosurgery for functional indications and bilateral interventions using MRgFUS), widening of indications for spinal cord stimulation (diabetic neuropathy and non-surgical back pain), and assignment of “breakthrough device” designation to DBS for depression.

The surge in the rates of delivery of new information that prompted our society to switch from quadrennial to biennial cycle of our world congresses has also raised the need in high-quality educational process that goes beyond traditional neurosurgical education and national training events. To satisfy this growing need in balanced, non-commercially-branded, all-encompassing exposure to modern stereotactic and functional neurosurgery, the WSSFN is now providing a wide portfolio of educational offerings. These include our remarkable, free and worldwide accessible,

webinars (like the one on neuroablation in cancer pain, highlighted in this newsletter), robust and expertly designed didactic and hands-on courses (like the outstanding cadaver course on functional neurosurgery that was held in Istanbul in May – and is likely to become an annual or biannual international event), an amazing source of theoretical and practical information on a single dedicated website of Stereotactic Academy, and, of course, the WSSFN Interim Meetings that focus on education and regional rather than worldwide reach (and to follow tradition of the past events in China, South Africa and India, our next Interim Meeting will be in Dubai this November).

Life goes on, and as we welcome new generation of experts in stereotactic and functional neurosurgery, there is an unfortunate part of saying goodbye to our past leaders and mentors... During three consecutive months, we lost three stellar figures in our field: Dr. Ron Tasker left us in April, Dr. Manuel Dujovny in May, and Dr. Mario Meglio – in June. I never worked with Dr. Tasker; when I met him at multiple neurosurgical gatherings, he was already a living legend. Dr. Dujovny was my direct mentor – thanks to him I got to where I am now (if it were not for a chance meeting with him at the European Neurosurgical Congress in Moscow in 1991, when he was preparing to relocate from Detroit to Chicago and I was finishing my first

neurosurgical residency, I would not have started my research fellowship in the University of Illinois where I still work more than 30 years later). And Dr. Meglio became my friend after he hosted two back-to-back meetings in Rome; the congresses of WSSFN and International Neuromodulation Society that he single-handedly organized in 2005...

We will always remember these talented innovators and pioneers of our specialty, but the best thing we can do to commemorate them – and everyone else who was here before us – is to keep the specialty alive! And that’s why the comments of WSSFN Past President Prof. Sindou in this issue of the Newsletter are so important: functional neurosurgery has to stay diverse and constantly growing in order to remain relevant. The inclusion of restorative neurosurgery into functional neurosurgery spectrum is the most logical development in our field and the WSSFN is ready – with your help – to take ownership of this direction.

Looking forward to seeing you in Stockholm, Dubai, Cape Town, Vancouver, Nashville and Chicago, and wishing you all the best,

Konstantin Slavin, MD
WSSFN President

THIS ISSUE NOW HAS CLICKABLE HYPERLINKS



WSSFN2023

Interim Meeting

Dubai

16th-18th November 2023

World Society for Stereotactic and Functional Neurosurgery
"Functional Neurosurgery – Sharing Knowledge Together Again"

Venue

MÖVENPICK | GRAND
AL BUSTAN DUBAI

www.wssfn2023.com



WSSFN INTERIM MEETING GENERAL INFORMATION IS AVAILABLE

ABSTRACT DEADLINE IS **September 30, 2023**

DISTINGUISHED FACULTY AND EXCELLENT TOPICS! | Travel Grants Available
Visit the meeting website at <http://www.wssfn2023.com>



World Society for
Stereotactic and Functional
Neurosurgery

WSSFN 2024

CHICAGO, USA
2-6 SEPTEMBER

Celebrating the 75th Anniversary
of Modern Stereotaxis

SAVE
THE
DATE

XX
WORLD
CONGRESS OF
STEREOTACTIC
AND FUNCTIONAL
NEUROSURGERY

www.wssfn2024.org

SAVE THE DATE

Chicago, USA

2-6 SEPTEMBER

April 28–29, 2023 | Osaka, Japan



Professor Kishima (the congress president), Professor Lee (the president), Terry Coyne and me at the welcome party

Report from the 13th Scientific Meeting of Asian Australasian Society for Stereotactic and Functional Neurosurgery (AASSFN 2023)

You may recall that the 12th biennial meeting of the AASSFN held in Gyeongju, South Korea was a hybrid meeting due to the pandemic with only a small number of foreign participants. This year, however, the 13th biennial meeting of AASSFN was held in person. Nevertheless, and despite the lifting of travel restrictions by many European and American regions, several Asian countries were still imposing restrictions. This posed a significant challenge for the meeting's president, Professor Kishima, not dissimilar to what I experienced, organizing the 19th biennial meeting of WSSFN in South Korea.

I would like to express my sincere gratitude to Professor Kishima, and the organizing committee of the 13th biennial meeting for their efforts in making this a very successful meeting. The program was well organized covering many cutting-edge topics from basic research in our field, to recent matters of surgery for mental disorders, and MRgFUS. In addition, there were in-depth discussions about regional differences in health economics and reimbursement in Asia and Australia. This led to a better understanding of the current climate bringing us closer together.

Moreover, during the meeting a decision was made to organize the Asian Pacific Society for Brain FUS. The inaugural meeting will be held in February 2024 in Seoul, Korea.

Once again, I would like to express my gratitude to Professor Kishima for overseeing this successful meeting. I look forward to seeing you all in Beijing in May, 2025 for what is certain to be an excellent 14th biennial meeting of AASSFN organized by Professor Zhang from Tiantan Hospital, Capital Medical University.



My Korean team at the 13th biennial meeting of the AASSFN in Osaka, Japan



JIN WOO CHANG, MD, PhD.

PROFESSOR & DIRECTOR
CENTER FOR INNOVATIVE FUNCTIONAL NEUROSURGERY,
BRAIN RESEARCH INSTITUTE,
DEPARTMENT OF NEUROSURGERY, YONSEI UNIVERSITY
COLLEGE OF MEDICINE, SEOUL, KOREA

2nd Deep Brain Stimulation and Pain Interventions Cadaver Course

VANESSA MILANESE, MD, PhD
BRAZILIAN SOCIETY OF NEUROSURGERY
COMMUNICATION DIRECTOR
SECRETARY DIRECTOR OF THE BRAZILIAN SOCIETY OF
STEREOTACTIC AND FUNCTIONAL NEUROSURGERY
FUNCTIONAL NEUROSURGEON AT BENEFICÊNCIA
PORTUGUESA DE SÃO PAULO HOSPITAL, BRAZIL
ADJUNCT ASSISTANT PROFESSOR OF
NEUROSURGERY AT MAYO CLINIC FLORIDA, USA



Participants and faculty at the 2nd Deep Brain Stimulation and Pain Interventions Cadaver Course, Istanbul, Turkey



Above: Professor Patric Blomstedt performing STN targeting, frame positioning and electrode implantation on cadaver.

Organized under the auspices of the WSSFN, the 2nd Deep Brain Stimulation and Pain Interventions Cadaver Course took place at Marmara University, Istanbul, Turkey on 26th and 27th of May 2023. 139 participants joined the event coming from 27 different countries with 28 faculty members from 13 different countries.

The course was directed by Dr. Atilla Yılmaz following success of the first course which took place in 2022. Dr. Ali Savaş combined efforts as scientific committee director and Dr. Aly Ibrahim as cadaver workshop director. The course had a wide variety of lectures, cadaver lab training and surgical target planning stations. 99% of the participants “strongly agreed” and “agreed” that it was an effective course (66% strongly agreed, 33% agreed). Furthermore, 99% of the participants affirmed that they would like to join future similar events.



Above: The course directors Drs. Atilla Yılmaz and Aly Ibrahim

The event also offered astonishing social activities including an Istanbul Bosphorus sightseeing cruise for faculty and participants.



Right: Faculty and participants enjoying the Istanbul Bosphorus sightseeing cruise.



17 of the 28 faculty members at the 2nd Deep Brain Stimulation and Pain Interventions Cadaver Course, Istanbul, Turkey: Drs. Feridun Acar, Georgios Matis, Stefan Jun Grois, Selçuk Göçmen, Harith Akram, Yıldız Değirmenci, Patric Blomstedt, Atilla Yılmaz, Ali Sa va ş, Marwan Hariz, Kelly Foote, Ersoy Koca bıça k, Tanju Uçar, Sibel Ertan, Bart Nuttin, Robert Levy and Ahmet Bekar

Functional Neurosurgery should keep alive its diversity, and beyond



Functional Neurosurgery deals with many afflictions that in many ways do not have a definitive cure. Fields – as wide apart as epilepsy, chronic pain, movement disorders, mental disorders, and cranial nerve dysfunctions – were included over time in the grounds of Functional Neurosurgery. This diversity of the specialty led to dispersion, with an ever-present danger of segregation.

It is therefore a great satisfaction to see that in recent times, a majority of national and international societies of Stereotactic and Functional Neurosurgery include in their meetings most – if not all – of the various components of the Functional entity. In other words, not only – of course – movement and revisited-mental disorders, but also pain, epilepsy, spasticity, and albeit to a lesser extent, cranial nerve dysfunction. All these fit well with the definition and the core of principles of the discipline.

In the Presidential Address to the 13th meeting of the WSSFN held in 2001 in Adelaide, Australia [1], we recalled the visionary definition of Functional Neurosurgery given by Pierre Wertheimer from Lyon University in 1956 in his book “Neurochirurgie Fonctionnelle” [2]. The definition started as: “Functional Neurosurgery is that branch of neurosurgery which aims at correcting the functional disorders which cannot be normalized by direct cure of the anatomic causative lesion.” Pierre Wertheimer also wrote: “Functional neurosurgery does not aim to correct morphological changes of the nervous system but rather to improve its function through the destruction of irritable foci or the interruption of excitatory pathways.” And Wertheimer continued in a visionary manner: “In the future it will become possible to compensate the dysfunction of inhibitory pathways.”, thus predicting the Neuromodulation era [3].

When further discussing the principles of the discipline Wertheimer pointed out: “In the discipline the operations are based on neurophysiological information”, which had been previously stressed by the pioneers in Stereotactic methodologies [4]. Interesting to recall, the official organ of the WSSFN, founded in 1938 by Spiegel under the name *CONFINIA NEUROLOGICA*, continued in 1975 as *APPLIED NEUROPHYSIOLOGY* until 1988, when it became *STEREOTACTIC AND FUNCTIONAL NEUROSURGERY*.

And beyond...? Looking at the evolution of the discipline, it appears that more and more research is devoted to restoration of function thanks to modern technologies. Moving further on this path, our Society should fully integrate the branch of ‘Restorative Neurosurgery’. Exciting clinical applications are entering the field for the benefit of our patients.

1. Sindou MP. Stereotactic surgery has merged into general neurosurgery; functional neurosurgery is increasingly “Applied neurophysiology”. *Stereotact Funct Neurosurg*. 2001; 76(3-4): 133-6. doi: 10.1159/000066708. PMID: 12378088
2. *La Neurochirurgie Fonctionnelle*, Masson, Paris, 1956
3. Brinzeu A., Sindou M. The Pierre Wertheimer Neurological and Neurosurgical Hospital in Lyon: history of its development and contributions to neurosurgery. *J Neurosurg*. 2022 Sep 9; 138(5): 1457-1466. doi: 10.3171/2022.7.JNS 212946. PMID: 36087314
4. Spiegel EA, Wycis HT, et al. Stereotactic apparatus for operations on the human brain. *Science*, 1947, 106: 349-350; Spiegel EA. Introduction of the First Symposium on Stereo-encephalotomy, 1961, Philadelphia, *Confin. Neurol.*, 1963, 22: 170



WALID ABDEL GHANY, MD, PhD
PROFESSOR OF NEUROSURGERY-
FUNCTIONAL NEUROSURGERY, AIN
SHAMS UNIVERSITY

Report from the President of the MSSFN

The MSSFN which operates under the auspices of WSSFN works tirelessly to advance the practice of stereotactic and functional neurosurgery in the Middle-East where there is a real need for our specialty to develop and to get established to serve more than 350 million population.

The MSSFN co-hosted with Ain shams University and the Egyptian Society for Neurological Surgeons (ESNS) the Ain Shams Neurosurgery International Congress (ASNS2023), in Cairo on May 20th – 28th, 2023. This was the 1st event of its kind in the region. Pre-congress meeting included stereotactic and functional neurosurgery, and Botulinum toxin in movement disorders workshops, through structured presentations, hands-on and cadaveric stations. This was made possible with robust support from WSSFN board members. Stereotactic and functional neurosurgery had a strong presence throughout the congress which hosted 38 world-class speakers, representing 17 nationalities, with eminent national speakers presenting 126 keynote lectures and presentations over 26 scientific sessions. 400 delegates were registered and actively participated in all scientific activities of the congress. 54 of medical industry partners were represented in the exhibition area throughout congress days.



Left to right: Professor Abdel Ghani, Professor Miguel Coelho, Professor Schulder, Professor Krauss and Professor Radwan El-Nouby



Professor Abdel Ghani, President of the MSSFN with Dr Mojgan Hodai



In Remembrance...



RONALD R. TASKER 1927 - 2023

Dr Ron Tasker passed away in Toronto on April 19, 2023 at the age of 95. He was born in Toronto and spent his youth interested in natural history, particularly butterflies and birds. He enrolled in physiology at the University of Toronto and graduated in 1948. With the encouragement of Dr Best, the co-discoverer of insulin, he entered medical school in Toronto and graduated in 1952. Dr. Tasker encountered Dr Botterell and decided to switch from a career in internal medicine to neurosurgery, as he became interested in neurophysiology. Upon completing his neurosurgical training, he made a pilgrimage to Madison, Wisconsin to work with the eminent neurophysiologist Clinton Woolsey. After a tour of major functional neurosurgery centres in Paris, Stockholm and Freiburg with Talairach, Guiot, Leksell and Hassler, Dr Tasker returned to Toronto to start on staff of the neurosurgical service of the

Toronto General Hospital in 1961. With Leslie Organ and later Jonathan Dostrovsky, he embarked on a journey to map the midbrain and thalamus of man, which he explored in the course of functional neurosurgical procedures to treat intractable pain and movement disorders. Dr Tasker became the world's pre-eminent brain cartographer, describing for the first time the neurophysiology of many deep brain structures in man. His contributions extended to developing a new understanding of pain mechanisms and distinguishing between nociceptive versus deafferentation pain. In the course of his career, Dr Tasker travelled with his wife Mary throughout the world, not only to discuss his research and teach but importantly also, to observe and classify birds and butterflies. In addition to his seminal contributions to neurophysiology, perhaps Dr Tasker's other great achievement was to establish a school of functional neurosurgery in Toronto, having visitors from all over the world coming to learn from his wisdom. He was very proud of the many residents and the fellows he trained. Dr Tasker was recognized with many honours and awards, including the establishment of the Tasker Prize by the World Society for Stereotactic and Functional Neurosurgery and the Tasker Young Investigator Award in Pain Research by the Congress of Neurological Surgeons. The R.R. Tasker Chair in Functional Neurosurgery, the first such dedicated chair in the world, was established at the University of Toronto and University Health Network in 1999 in his honour. In addition, he published several textbooks in functional neurosurgery and was elected an Officer of the Order of Canada in 2005. Dr Tasker leaves behind his four children and a large list of admiring neurosurgeons who have had the privilege to train and learn with him.



Dr. Ronald Tasker (right) with Drs. Osvaldo Vilela, Chihiro Ohye, Alexandre Novicki, Andres Lozano, Philip Gildenberg and Mark Jones (left to right) . (Credit: Division of Neurosurgery, University of Toronto)

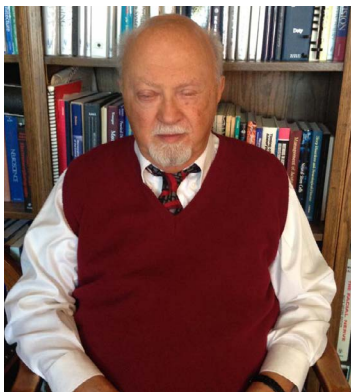


Drs. Ronald Tasker and Philip Gildenberg (right to left) at the inauguration of the R.R. Tasker Chair in Functional Neurosurgery at the University of Toronto in 1999. (Credit: Division of Neurosurgery, University of Toronto)



ANDRES M. LOZANO,
OC, MD, PHD, FRCSC, FRSC, FCAHS,
ALAN AND SUSAN HUDSON CHAIR
IN NEUROSURGERY, UNIVERSITY
PROFESSOR, UNIVERSITY OF TORONTO

In Remembrance...



PROFESSOR MANUEL DUJOVNY, MD 1939 - 2023

Dr. Manuel Dujovny, Michigan, USA, passed away peacefully on May 1, 2023 at the age of 83 surrounded by family and friends. He was an exceptional neurosurgeon and an even finer person. He was modest, cultured, generous, and versatile. He worked until the very end, enjoying his passion for neurosurgery and for life.

Professor Dujovny was born in Cordoba, Argentina, in 1939. He was married to Miriam (née Tunkel) and he fathered two children who gave him two granddaughters and five grandsons. Professor Dujovny's life and art were wide, rich and diverse that we can divide it into different facets.

THE ACADEMIC

He obtained his medical degree at the age of 21 from the prestigious National University of Cordoba, Argentina, the third oldest university in the American continent with 410 years of history. After graduating, he completed his residency in Neurosurgery, both in Argentina and in Israel. After finishing his training at the Beilinson Hospital, University of Tel Aviv, he remained in Israel where he also trained in Nuclear Medicine and Neurophysiology. In

1973 he moved to the USA, where he accepted the position of Professor of Neurosurgery and Director of the Neurosurgical Research Laboratory at the University of Pittsburgh, Pennsylvania. During that time, he also served as Chief of the Neurosurgical Service at the Oakland Veteran's Administration Medical Center and was a Staff Physician at the Presbyterian University Hospital. In 1981 he moved to the Henry Ford Hospital in Detroit and became Vice-Chairman and Director of Research in the Department of Neurosurgery. After ten years of intense work, in 1991 he became Professor of Neurosurgery and Vice-Chairman of the Department of Neurosurgery at the University of Illinois at Chicago. He returned to Michigan in 1997 as Professor of Neurosurgery at Wayne State University. He was a member of the Hispanic Center for Excellence, an international organization whose objective is to improve the quality of medical care in Latin America by providing training fellowships for Latin American professionals in the United States of America.

THE RESEARCHER

Professor Dujovny devoted much effort to research in basic neurosciences applied to neurosurgery, neuroradiological diagnostic techniques (such as the use of radioisotopes), and cerebral angiography among others. Upon arrival in the USA, he devoted himself to the study of cerebral ischemia and the effects of microvascular surgery on cerebral revascularization. He contributed to the development of Xenon computer tomography and played a leading role in the use of electron microscopy to determine endothelial damage caused by aneurysm clips, revolutionizing the industry with his design recommendations. Since the 80's and 90's of the last century, Dr. Dujovny devoted much of his efforts to the analysis of the vascular anatomy of the brain and brain stem. He studied in depth the entire supra and infratentorial arterial system, with special dedication to the perforating artery system.

THE INVENTOR

All this research was carried out, in part, with his own instruments and equipment designed, developed and patented according to the requirements of each case. These include Irrigation Bipolar System, Micro Dissector Suction, Control Micro Suction, Micro Needles Dissectors, Micro Vascular Scissors, Biopsy Forceps, Xenon/CT, Transcranial Cerebral Oximetry, Pressure Sensor Brain Retractor, Vascular Micro Occluder, Clip Force Tester, Force Control Microclip, Shunt Burr Hole Cover Ti Plate and the Interstitial Laser Doppler. This led him to perform functions as scientific advisor to the most important companies in the world for the manufacture of surgical supplies. Among his most significant contributions to stereotactic and functional neurosurgery is the ZD (Zamorano-Dujovny) Stereotactic Head Frame and its software. This system is currently used worldwide.

PUBLICATIONS AND AWARDS

Professor Dujovny's research, reflected in more than 400 publications, including chapters written in sixty-nine books, almost one thousand lectures in international meetings in the five continents, and the production of three films dedicated to neurosurgical procedures, have earned him a large number of awards and decorations. The following stand out among the many received in his more than forty-year career: The American Society of Testing Material honored him as the "Most outstanding Scientific Engineer", Best Neurosurgical Teacher for Latin America, Latin American Federation of Neurosurgery (FLANC), Recognition of the American Society of Neurosurgery and Congress of Neurosurgery (USA), recognition by the WFNS for establishing a continuing education program and for obtaining donations for neurosurgical centers in developing countries.

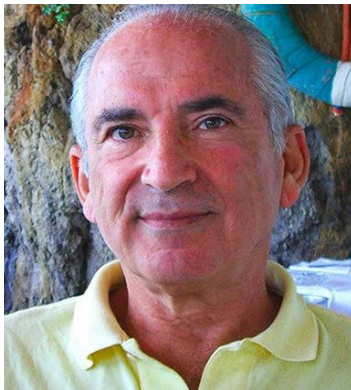
THE MENTOR

Despite living more than half of his life outside Argentina, he always showed a commitment to his native country and the rest of the Latin American countries. Under his guidance and tutelage, hundreds of physicians completed or perfected their neurosurgical training, providing a balance between basic research and clinical practice, the laboratory and the operating room, in addition to advising on almost any aspect of the human training of those young neurosurgeons. In addition to all of the above, we must add his vast culture, completing a person of integrity, honest, hardworking, generous with his fellow men and women, who demonstrated an extraordinary willpower to overcome various adversities. Therefore, personally, and like many others, I can proudly say that Manuel was a true "Master" of Neurosurgery and of life.



FABIÁN CREMASCHI,
MD; M. SC.,
CLINICAL AND SURGICAL NEUROLOGY,
DEPARTMENT OF NEUROSCIENCES,
SCHOOL OF MEDICAL SCIENCES,
NATIONAL UNIVERSITY OF CUYO,
MENDOZA, ARGENTINA.
PRESIDENT, ARGENTINE SOCIETY OF
NEUROMODULATION

In Remembrance...



PROFESSOR MARIO MEGLIO, MD, PHD 1946 - 2023

With condolences the INS Italian Chapter announces the passing away of Prof Mario Meglio, past president of the "International Neuromodulation Society" (INS) and founder of the INS' Italian Chapter.

Clear-fame Neurosurgeon, Prof. Meglio has been Professor first at the Fondazione Policlinico A. Gemelli in Rome where he held the position of Chief of the Functional and Spinal Neurosurgery multispecialty department, then Director of the University Neurosurgery Department at the Borgo Trento Hospital and Full Professor of Neurosurgery at the University of Verona.

Author of over 150 scientific publications in all of the neurosurgery fields, he has also been member of the Scientific Board of the World Society for Stereotactic and Functional Neurosurgery – member of the Executive Committee of the European Society for Stereotactic and Functional Neurosurgery and member of the editorial/scientific committee of various journals such as Journal Neuromodulation – Journal "Stereotactic and Functional Neurosurgery" – "International Journal of Pain Clinicians" – "Acta Neurochirurgica" – "Neurology Psychiatry and Human Sciences".

The INS Italian Chapter Founding Members, its Board of Directors and all of the members remember Mario as a true friend and high-level professional with a down to earth and kind behavior. His enlightening advice has always been followed as he was a fervent promoter of functional neurosurgery in all its declinations.

The INS Italian Chapter's Board of Directors wishes to honor the memory of Prof. Mario Meglio conferring him the title of Honorary President in memoriam at the next national INS Italian Chapter congress and purposing the institution of the "Mario Meglio International Award for the Neuromodulation", an award that will be assigned every year to a young researcher or student.



CAPITOLO ITALIANO

The President

Prof. Andrea Landi

A handwritten signature in black ink, appearing to read "Andrea Landi". The signature is written in a cursive style.

THE SPEAKERS

DOCTOR IDO STRAUSS

Director of the functional unit in the neurosurgical department at the Tel-Aviv Medical Center



DOCTOR HARITH AKRAM

Consultant neurosurgeon and associate professor at the National Hospital for Neurology and Neurosurgery and the Unit of Functional Neurosurgery in Queen Square.



WEBINAR #17

Neurosurgical Ablative Procedures for Refractory Cancer Pain



by Dr. Ido Strauss
& Dr. Harith Akram

29 June, 2023

This and other recorded webinars are available to WSSFN members on <https://www.wssfn.org/webinars>

TRAVEL GRANTS

available for the

WSSFN Interim Meeting

to be held in

Dubai, November 16–18, 2023

WSSFN2023 has a limited number of travel grants for regional attendees. Preference will be given to attendees from the area of the Middle East, who are residents, fellows or young neurosurgeons.

Please read the full information that can be found on the meeting website at www.wssfn2023.com carefully, and if you are interested in applying for the travel grant, you can do it while you are submitting your abstract via online submission system.

Eligibility criteria include:

- a.** Submission and acceptance of scientific abstract(s).
- b.** Presenting author is a resident, neurosurgery fellow or young staff within 5 years of training, with demonstrated interest in stereotactic and functional neurosurgery.
- c.** Presenting author is born after January 1st 1983.

LIST OF MEETINGS

CNS | September 9-13, 2023 Washington, DC

ESSFN | September 27-30, 2023 Stockholm, Sweden

Interim WSSFN | November 16-18, 2023 Dubai, UAE

WFNS | December 4-8, 2023 Cape Town, South Africa

INS | May 11-16, 2024 Vancouver, Canada

ASSFN | June 1-4, 2024 Nashville, TN

WSSFN | September 2-6, 2024 Chicago, IL





VISIT US
www.wssfn.org

NEWS TO SHARE:
mdian@centurytel.net

FEEDBACK:
mdian@centurytel.net



18th WORLD CONGRESS OF NEUROSURGERY WFNS 2023

Cape Town, South Africa • 4 – 8 December 2023

www.wfns2023.com

SAVE THE DATE

KEY DATES

- October 2022** – Call for Abstracts
- April 2023** – Registration Opens
- June 2023** – Abstract Submission Deadline
- August 2023** – End of Early Bird Registration

CONTACT US

- Registration enquiries**
registration@wfns2023.com
- Programme enquiries**
scientific@wfns2023.com
- General enquiries**
info@wfns2023.com



WFNS 2023 CAPE TOWN MEETING

Dear Colleagues,

The World Federation of Neurosurgical Societies is truly a global community, comprising 132 societies and associations. It is therefore a great pleasure and privilege to invite you to join us in Cape Town 4-8 December 2023 for the 18th WFNS World Congress of Neurosurgery which will bring together thousands of neurosurgeons from around the world to share experience and educate and inspire the next generation. The meeting is hosted by the society of neurosurgeons of South Africa. Please, visit the congress website, www.wfns2023.com. Please, note that

abstract submissions due is June 6th, 2023. It is my pleasure to facilitate any coordination with our WSSFN members. Please, do not hesitate to reach me if you have any questions or concerns.

Best regards and see you all in Cape Town.

Ahmed M. Aikhani, MD, FRCS(C), IFAANS.
Chairman, Stereotactic and Functional Neurosurgery committee, WFNS
President-elect, Pan Arab Neurosurgical Society.
Head, Division of Neurosurgery, King Abdulaziz Medical City. MNG-HA.
Riyadh, Saudi Arabia

**Cape Town,
South Africa**

4-8 DECEMBER 2023

**Visit the congress
website:**

www.wfns2023.com