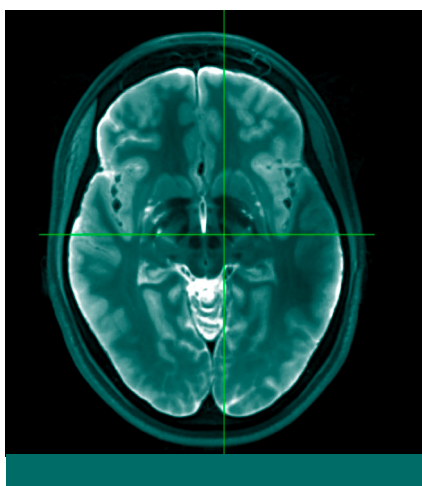




WSSFN SPRING NEWSLETTER 2023

WORLD SOCIETY FOR STEREOTACTIC AND FUNCTIONAL NEUROSURGERY



In This Issue:

- Letter from the President
- Future of 7T MRI in DBS
- JSSFN Takaomi Taira Award Recipient
- Webinar Information
- Upcoming Meetings

LETTER FROM THE EDITOR



DR. HARITH AKRAM, MBChB
PHD FRCS (NEURO. SURG)

Dear friends and members of the WSSFN,

I would like to extend my gratitude for your valuable contributions to our Newsletter. We have made a decision to move to quarterly publications to enable us to communicate more often. This way we are able to share more of your submissions and better highlight future meetings and events.

In this Spring 2023 issue, you will find a letter from Professor Jean Regis (Marseille, France) reporting on the recent Webinar jointly organized by the International Society for Magnetic Resonance in

Medicine (ISMRM) and the WSSFN discussing the future of 7T MRI in Deep Brain Stimulation. This topic is of great interest to our field which has always evolved with advancements in imaging techniques. I hope you would also join me in congratulating Dr Kazunori Oda on being the first recipient of the JSSFN Takaomi Taira Award for his work on selective tibial neurotomy. In this issue, you will also find details of future meetings for your diary. I am looking forward to receiving your communications for our coming Summer Newsletter.

TRAVEL GRANTS AVAILABLE FOR WSSFN INTERIM MEETING

See page 5 for more information.



DR. KONSTANTIN SLAVIN, MD

Letter from the President

Dear Colleagues,

As the memory of our last extraordinary WSSFN congress in Seoul starts to fade away, it is now the time to plan your presence at our upcoming international gatherings. The first among them will be an Interim WSSFN Meeting in Dubai – scheduled for November 16-18, 2023 (<https://wssfn2023.com/>); it will be happening in Mövenpick Grand Al Bustan hotel, and the organizing committee led by Drs. Krauss, Hodaie and Al Otaibi, is now in process of finalizing its program. Even before this, we all plan to meet at the ESSFN Congress in Stockholm on September 27-30, 2023 (<https://essfncongress.org/>), and then, in 2024, we will have the congresses of International Neuromodulation Society in Vancouver, British Columbia, on May 11-16 (<https://ins-congress.com/>), ASSFN in Nashville, Tennessee on June 1-4 (<https://assfn2020.cns.org/meetings-detail/2024-american-society-stereotactic-functional-neur>), with the ultimate highlight being the 20th World Congress of Stereotactic and Functional Neurosurgery in Chicago on September 2-6, 2024 (<https://wssfn2024.org/>).

While the preparations for all these remarkable meetings are underway, the

Society remains active – we continue our series of tremendously popular webinars, expertly orchestrated by WSSFN Board member Prof. Nico Enslin of Cape Town; our journal Stereotactic and Functional Neurosurgery continues to publish high-impact papers under leadership of WSSFN past-president Prof. Andres Lozano; and WSSFN-endorsed educational events occur throughout the world, with the upcoming cadaver course on DBS and pain interventions scheduled for the end of May in Istanbul under direction of Prof. Atilla Yilmaz. In addition to this, we are proud to establish collaboration with the International Society for Magnetic Resonance in Medicine (ISMRM) with a recent joint webinar and ongoing projects under guidance of WSSFN Vice-President Prof. Jean Regis.

One thing I wanted to highlight in this issue of our Newsletter (the full credit for putting it together goes to our Newsletter editor Mr. Harith Akram and Society administrator Mrs. Melody Dian), is the recent article that was published in our SFN journal in February (<https://www.karger.com/Article/Pdf/529040>) and is available for free download. The paper on advances in technical aspects of DBS surgery is the most comprehensive and up-to-date summary of the progress

in our field; it is a product of WSSFN Research and Education Committees. This paper continues tradition of the WSSFN's previous publications that came out in 2019 and 2021 and are also available for free download through PubMedCentral (Deep brain stimulation: current challenges and future directions by Lozano et al., <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6397644/> and Technology of deep brain stimulation: current status and future directions by Krauss et al. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7116699/>). On behalf of the entire WSSFN, I want to thank the papers' authors for their tireless efforts in advancing our field and summarizing the progress in a very thoughtful and comprehensive manner.

This issue of the newsletter marks our move to its quarterly publication; there is a great need in informing WSSFN members of what is going on in our Society – and I join Mr. Akram in inviting you to submit all stereotactic and functional news for expedient worldwide dissemination!

Wishing you all the best,
Konstantin Slavin, MD
WSSFN President

THIS ISSUE NOW HAS CLICKABLE HYPERLINKS

When you see an email address or website, you are now able to click on it to be brought right to the source. Please note, that websites or email addresses that are in a picture or image are currently not able to be hyperlinked.



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

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KonozRetal

WSSFN INTERIM MEETING GENERAL INFORMATION IS AVAILABLE

ABSTRACT DEADLINE IS **June 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

Future of 7T MRI in deep brain stimulation (DBS)

A webinar discussing the future of 7T MRI in deep brain stimulation (DBS) was jointly organized by the International Society for Magnetic Resonance in Medicine (ISMRM) and the WSSFN on Tuesday the 31st of January 2023.

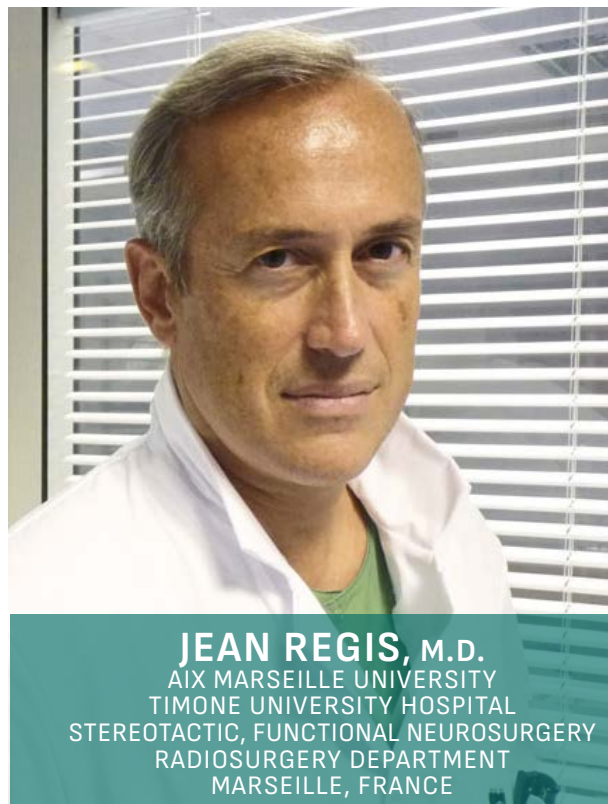
This initiative was spurred by the observation that 7T MRI systems are still seldom used in DBS surgery, even in centers equipped with such systems, despite the potential added value reported by some experts.

The High Field Systems & Applications study group of the ISMRM and the WSSFN have therefore launched a survey to evaluate the current practice in this field worldwide.

The goal was to better understand the needs, challenges, potential benefits, and technological barriers that needed to be overcome. WSSFN members were emailed the survey.

The feedback allowed us to identify neurosurgeons who “believe” in the utility of 7T MRI in DBS and others with doubts regarding its added value. The purpose of the meeting was to address the points raised in the survey to improve practice in this field.

The meeting was opened by Professor Maxim Guye (professor of neuroradiology in Aix Marseille University, France, and head of the High Field Systems & Applications study group of the ISMRM). Professor Guye briefly presented the results of the survey and moderated the debate. Dr Sanjeet S. Grewal (Mayo Clinic, Jacksonville, Florida, USA) and Dr Michael C. Park (the University of Minnesota,



USA) presented their approach and rationale for using ultra-high field (UHF) MRI in their practice. Dr Martin Jacobs (Universität Heidelberg, Germany) presented the limitations and challenges associated with using 7T MRI in DBS surgery in a well-organized and pragmatic manner. The talks were followed by an open discussion led by two MRI experts specialized in the use of UHF in DBS; Dr Erik H. Middlebrooks (Mayo Clinic, Jacksonville, Florida, USA) and Dr Noam Harel (the University of Minnesota, USA). Different perspectives were debated in a stimulating and constructive manner. The webinar was attended online by registered ISMRM and WSSFN members.

ISMRM

 **ONE**
COMMUNITY
FOR CLINICIANS
AND SCIENTISTS


WSSFN

First JSSFN Takaomi Taira Award Recipient: Dr. Kazunori Oda, M.D.



DR. KAZUNORI ODA, MD
RECIPIENT OF THE FIRST JSSFN TAKAOMI TAIRA AWARD



DR. TAKAOMI TAIRA, MD, PhD

Dr. Takaomi Taira is a well-known pioneer of stereotactic and functional neurosurgery and the past president of the WSSFN. He

has generously donated private funds to the Japanese Society for Stereotactic and Functional Neurosurgery (JSSFN) for further development of the society. The JSSFN has therefore founded an award in his name (the Takaomi Taira Award) to encourage young functional neurosurgeons and accelerate new research projects in Japan. The first recipient of the Takaomi Taira Award was announced on the 29th of January 2023 at the Society's 62nd Annual Meeting.

It was a great honor and pleasure for me to announce that my colleague Dr Kazunori Oda has received this prestigious award for his paper entitled "Pain relief following selective tibial neurotomy for spastic equinus foot secondary to stroke and traumatic brain injury" which was published in the journal World Neurosurgery in 2022. In this paper, he reported that walking ability and pain relief were improved in these patients following selective tibial neurotomy. This is an important functional neurosurgery procedure for managing spasticity, but

it is not widely recognized in Japan. The paper demonstrated the clinical effectiveness of this procedure and provided invaluable information on the technique for future generations. The award was therefore given in recognition of the significance of the work.

Dr. Oda graduated from Nippon Medical School in 2014 and began his residency training at the Department of Neurosurgery of Nippon Medical School. In April 2021, he moved to the Department of Neurosurgery at Fukuoka University to focus on training in stereotactic and functional neurosurgery. He has plans to establish his own functional neurosurgery practice to care for patients with movement disorders and spasticity. He is an excellent role model for future Takaomi Taira award recipients, and I am confident that this award will continue to encourage young functional neurosurgeons belonging to the JSSFN with future research projects.

Dr. Takashi Morishita,
MD, PhD
Associate Professor
Fukuoka University
Hospital



"Walking ability and pain relief were improved in patients who underwent selective tibial neurotomy for spastic equinus foot"

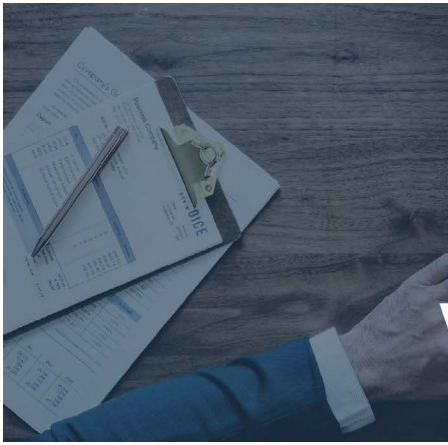
学術奨励賞（平孝臣賞）

福岡大学 小田一徳 先生



Picture Below: Dr. Oda (left) and the president of the JSSFN, Dr. Hidehiro Hirabayashi (right)





WEBINAR #15

Masterclass in MRI targeting for movement disorders.

WSSFN
WEBINARS

by Prof. Patric Blomstedt
November 23, 2022

TOTAL NUMBER
OF REGISTRATIONS

573

IN 69 COUNTRIES

THE SPEAKER

PROFESSOR
**PATRIC
BLOMSTEDT**

Neurosurgeon
University of Umea,
Sweden



Professor Blomstedt presented a lecture on the visual MRI based targeting in DBS for movement disorders.

His was a short introduction in how to identify the commonly used brain targets in stereotactic functional neurosurgery.

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.

WSSFN March 2023 Newsletter

LIST OF MEETINGS

AASSFN | **April 28-29, 2023** Osaka City, Japan

MSSFN | **May 27-29, 2023** Cairo, Egypt

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



Under the auspices of WSSFN

MSSFN

Middle Eastern Society for Stereotactic and Functional Neurosurgery



Nöromodülasyon Teknolojileri Araştırma Geliştirme ve Hasta Eğitim Derneği



NÖROMODÜLASYON
Araştırma ve Eğitim Derneği



2nd DEEP BRAIN STIMULATION & PAIN INTERVENTIONS CADAVER COURSE

May 27 - 29, 2023
İstanbul

Atilla YILMAZ MD

Course Director.

Assoc. Prof. of Neurosurgery,

Atasehir Medicana International Hospital

Head of Neuromodulation Center.



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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

Registration Opens
APRIL 2023

**Cape Town,
South Africa**
4-8 DECEMBER 2023