



CME-Credit
Event

1st International TPS Symposium

11 – 12 October 2024, Alexius/Josef Clinic, Neuss, Germany

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Dear Colleagues and Participants,

It is my great pleasure to welcome you to the 1st International Symposium on Transcranial Pulse Stimulation (TPS), hosted here at the Alexius/Josef Clinic in Neuss. This symposium marks a significant milestone in the advancement of TPS and I am honoured to bring together some of the brightest minds from across the globe to discuss the latest innovations, clinical applications, and future directions in this exciting field.

We will explore groundbreaking research, share diverse perspectives and engage in thought-provoking discussions. We also like to foster new collaborations. This symposium is as much about expanding knowledge as it is strengthening the global TPS network - a key element for driving innovation.

I anticipate the valuable connections and insightful discussions that will drive diverse perspectives and significant advancements in the field of TPS.

Yours sincerely,

Prof. Dr. Dr. Ulrich Sprick

Alexius/Josef Clinic

Head Center of Neurostimulation

Head Department Research and Development

11 October 2024, Day 1

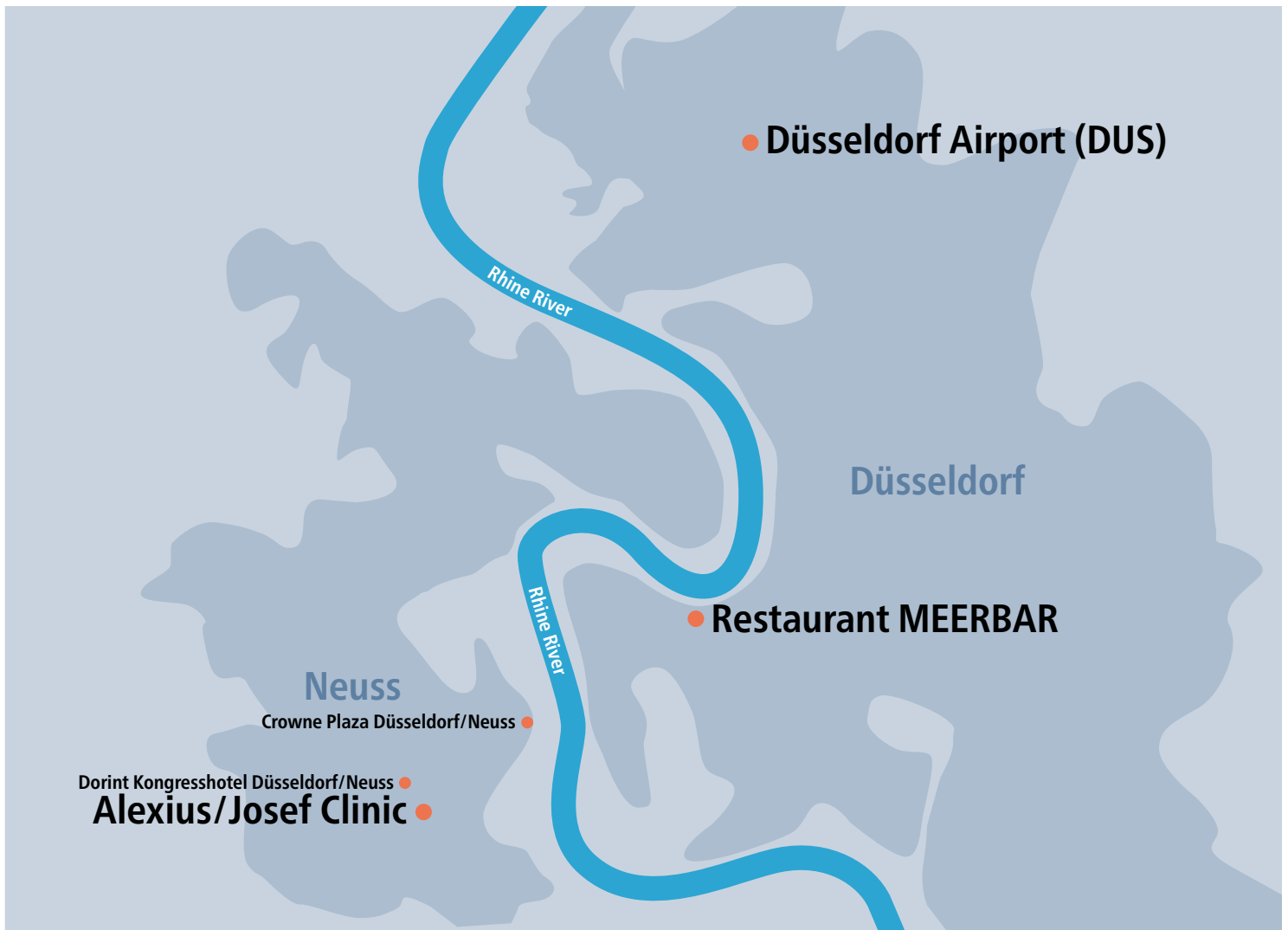
Pre-symposium: fundamentals of shock wave therapy and introduction to TPS

Time	Topic	Speaker
14:00 – 14:15	Welcome and introduction	Prof. Dr. Dr. Ulrich Sprick & Dr. Martin Köhne Alexius/Josef Clinic, Neuss
14:15 – 14:30	Physical principles & biological effects of shock waves (ESWT) – Part 1	Prof. Dr. Karsten Knobloch SportClinics Prof. Dr. Karsten Knobloch, Hannover
14:30 – 14:45	Concussion in sports and neurodegenerative sequelae – Part 2	Prof. Dr. Karsten Knobloch SportClinics Prof. Dr. Karsten Knobloch, Hannover
14:45 – 15:15	Hands-on workshop: concussion and drainage of lymphatic system	Prof. Dr. Karsten Knobloch SportClinics Prof. Dr. Karsten Knobloch, Hannover
15:15 – 15:45	Coffee break	
15:45 – 16:00	Advancements and insights: the current status of Transcranial Pulse Stimulation (TPS)	Thi-Lan Freedman STORZ MEDICAL AG, Tägerwilen
16:00 – 16:15	TPS vs. TMS – a power comparison	Dr. Oliver Seemann Schaffhausen Hospitals, Breitenau Psychiatric Center
16:15 – 16:30	Potential additive effect of non-invasive brain stimulation and cognitive training in Alzheimer's disease	Prof. Dr. Timothy Kwok The Chinese University of Hong Kong
16:30 – 16:45	Spanish study on TPS effects on AD and innovative proposal on neuro-long COVID	Dr. Karin Freitag & Dr. Verónica Giménez de Béjar Clínica DKF, Madrid
16:45 – 17:00	Exploring the potential benefits of TPS for stroke, Parkinson's disease, and traumatic brain injuries – the Brazilian experience	Dr. Leandro Heidy Yoshioka Instituto de Medicina Física e Reabilitação, Sao Paulo
19:00	Dinner at MEERBAR restaurant	

12 October 2024, Day 2

Main symposium: clinical applications and emerging areas of TPS

Time	Topic	Speaker
9:00 – 9:15	Introduction	Dr. Martin Köhne Alexius/Josef Clinic, Neuss
9:15 – 9:30	Improvement of cognitive executive functions and mood in patients with Alzheimer's disease by TPS	Prof. Dr. Dr. Ulrich Sprick Alexius/Josef Clinic, Neuss
9:30 – 9:45	TPS trials for Alzheimer's disease in Brazil – preliminary findings	Dr. Gilson Tanaka Shinzato Instituto de Medicina Física e Reabilitação, Sao Paulo
9:45 – 10:00	Perspectives and experiences: The Turkish approach to TPS	Prof. Dr. Zülküf Önal NeuroUp Clinic, Istanbul
10:00 – 10:15	Review of the literature on TPS for dementia treatment including a critical analysis of TPS contribution	Dr. Claudia Carrarini IRCCS San Raffaele of Rome
10:15 – 10:30	TPS and neuromodulation in neurodegenerative extrapyramidal disorders: an innovative non-invasive therapy	Prof. Dr. Paolo Manganotti University of Trieste
10:30 – 11:00	Coffee break	
11:00 – 11:15	The potential of non-invasive brain stimulation (NIBS)	Prof. Dr. Steven Laureys University of Liège
11:15 – 11:30	Combination of TPS and neurofeedback	Dr. Catalina Ciubotarescu Saiwala SRL Clinic, Bukarest
11:30 – 11:45	TPS in Poland, two years of experience, attempt to implement shockwave therapy in various neuropsychiatric diseases	Dr. Piotr Sulik Magwise, Warszawa
11:45 – 12:00	TPS-treatment of patients with Alzheimer's dementia and Parkinson's in long-term observation – case studies	Prof. Dr. Musa Citak Medizinische Hochschule Hannover
12:00 – 12:15	Hands-on workshop: TPS application workshop – updated protocol	Thi-Lan Freedman STORZ MEDICAL, Tägerwilen
12:15 – 12:30	Q&A / panel discussion	Prof. Dr. Dr. Ulrich Sprick Alexius/Josef Clinic, Neuss
12:30 – 13:30	Lunch	
13:30 – 14:00	Multimodal imaging of brain responses to Transcranial Pulse Stimulation	Dr. Maria Elena Karakatsani ETH Zurich
14:00 – 14:30	Elucidating the potential of TPS to treat depression: from mechanisms to clinical response	Dr. Penny Qin The Hong Kong Polytechnic University
14:30 – 15:00	Coffee break	
15:00 – 15:15	TPS in treatment-resistant depression	Dr. Ali Riza Günes Alexius/Josef Clinic, Neuss
15:15 – 15:30	Exploring the role of TPS in addiction treatment	Dr. Joachim Treppmann My MVZ, Grevenbroich
15:30 – 15:45	Insights from TPS treatment in over 70 long-covid patients	Dr. Markus Böbel Practice Dr. Böbel, Reutlingen
15:45 – 16:00	TPS opens up new horizons in the treatment of psychiatric patients	Prof. Dr. Marc Ziegenbein Wahrendorff Clinic, Wahrendorff
16:00 – 16:30	Q&A / panel discussion	Prof. Dr. Dr. Ulrich Sprick Alexius/Josef Clinic, Neuss



Symposium venue

Alexius/Josef Clinic
Nordkanalallee 99
41464 Neuss
Germany



Dinner venue

(11 October 2024, 19:00)

Restaurant MEERBAR
Neuer Zollhof 1
40221 Düsseldorf
Germany

Nearest airport

Düsseldorf Airport (DUS)

Hotel recommendations

- Dorint Kongresshotel Düsseldorf/Neuss (65 EUR)
Selikumer Str. 25
41460 Neuss
Germany
Tel. +49 2131 2620
- Crowne Plaza Düsseldorf/Neuss (98 EUR)
Rheinallee 1
41460 Neuss
Germany
Tel. +49 2131 7700

The symposium is kindly supported by **STORZ MEDICAL AG**. The event will be held in English. Subject to change.