

Course Directors

- Prof. Fiorella Contarino
The Hague, The Netherlands
- Prof. Robert Jech
Prague, Czech Republic

Faculty

- Prof. Andrea Kühn
Berlin, Germany
- Dr. Michael Schüpbach
Bern, Switzerland
- Gaetano Leogrande, MSc
Maastricht, The Netherlands

Accreditation

An application for accreditation has been submitted with RIZIV in Belgium:

March 10: ID26002716

March 26: ID26002719

March 27: ID26002721

Target audience

- Neurologists or residents involved in the patient pathway from planning to follow-up care wishing to deepen their knowledge and skills related to programming and wanting to understand the newest programming strategies and technologies
- Specialized DBS nurses, involved in DBS programming and patient care
- Multidisciplinary teams of neurologist and nurses, especially to foster the multi-disciplinary approach to patient care

Venue March 26 & 27

Hermitage Hotel Prague
Svobodova 1
12800 Prague
Czech Republic

For more information

Tamara Franssen
+31618099653

Deep Brain Stimulation Fundamental Programming Academy Getting a sense of what is possible with programming for Movement Disorders

March 10 and 26 & 27, 2026
Prague, Czech Republic

At the end of this course, participants will be able to understand how to optimize symptom relief with minimal side effects through basic programming with an emphasis on sensing programming options

Virtual introduction Tuesday, March 10, 2026

Times mentioned are in CET (UTC+1)

- 17:30 Welcome**
Prof. Contarino & Prof. Jech
- 17:35 Introduction of Faculty**
Prof. Contarino & Prof. Jech
- 17:40 Live survey**
Prof. Contarino
- 17:50 Patient selection Parkinson's Disease: Selection criteria, case-based presentation**
Dr. Schüpbach
- 18:10 Live Q&A session**
- 18:15 Patient selection Dystonia: Selection criteria, case-based presentation**
Prof. Kühn
- 18:35 Live Q&A session**
- 18:40 Patient selection Tremor: Selection criteria, case-based presentation**
Prof. Contarino
- 19:00 Live Q&A session**
- 19:05 Live quiz**
Prof. Contarino & Prof. Jech
- 19:20 Introduction to E-learning and How to prepare for presentation in Prague**
Prof. Jech
- 19:25 Case example**
Prof. Jech
- 19:30 Closing remarks & End of virtual introduction**
Training will be continued in face-to-face setting on March 26 & 27, 2026

Course Directors

- Prof. Fiorella Contarino
The Hague, The Netherlands
- Prof. Robert Jech
Prague, Czech Republic

Faculty

- Prof. Andrea Kühn
Berlin, Germany
- Dr. Michael Schüpbach
Bern, Switzerland
- Gaetano Leogrande, MSc
Maastricht, The Netherlands

Accreditation

An application for accreditation has been submitted with RIZIV in Belgium:

March 10: ID26002716

March 26: ID26002719

March 27: ID26002721

Target audience

- Neurologists or residents involved in the patient pathway from planning to follow-up care wishing to deepen their knowledge and skills related to programming and wanting to understand the newest programming strategies and technologies
- Specialized DBS nurses, involved in DBS programming and patient care
- Multidisciplinary teams of neurologist and nurses, especially to foster the multi-disciplinary approach to patient care

Venue March 26 & 27

Hermitage Hotel Prague
Svobodova 1
12800 Prague
Czech Republic

For more information

Tamara Franssen
+31618099653

In-person training Thursday, March 26, 2026

Registration & lunch buffet

- 13:00** Welcome and course introduction: Goals and Expectations
Prof. Contarino & Prof. Jech
- 13:15** Introduction of Participants
- 13:45*** Around the world of DBS programming: The basics
G. Leogrande, MSc.
- what is the effect of changing the different parameters (pulse width vs. frequency), concepts of constant-current and constant-voltage, what is VTA, impedance, etc.
- 14:15*** Understanding the basics of programming: Clinical aspects on Parkinson's Disease
Prof. Jech
- Basic steps, initial programming, long-term programming. Lecture will include references to anatomy and will cover medication adjustment correlated with programming
- 14:45** Afternoon break
- 15:15*** Understanding the basics of programming: Clinical aspects on Dystonia
Dr. Schüpbach
- Basic steps, initial programming, long-term programming. Lecture will include references to anatomy and will cover medication adjustment correlated with programming
- 15:45*** Understanding the basics of programming: Clinical aspects on Tremor
Prof. Contarino
- Basic steps, initial programming, long-term programming. Lecture will include references to anatomy and will cover medication adjustment correlated with programming
- 16:15** Group discussion
- 16:30*** Local field potentials: The Basics & Clinical experiences with Sensing
Prof. Kühn
- what is Beta, correlations, existing data
- what can we do/see with sensing in real life
- 17:00** Group discussion
- 17:15** Programming cases presented by Participants (1 case per center)
Please kindly submit **before March 20** to info@ecmt-training.com
- 18:00** End of program day 1
- 19:15** Departure for group dinner
- 19:30** Group dinner

* 25' presentation and 5' discussion

Course Directors

- Prof. Fiorella Contarino
The Hague, The Netherlands
- Prof. Robert Jech
Prague, Czech Republic

Faculty

- Prof. Andrea Kühn
Berlin, Germany
- Dr. Michael Schüpbach
Bern, Switzerland
- Gaetano Leogrande, MSc
Maastricht, The Netherlands

Accreditation

An application for accreditation has been submitted with RIZIV in Belgium:

March 10: ID26002716

March 26: ID26002719

March 27: ID26002721

Target audience

- Neurologists or residents involved in the patient pathway from planning to follow-up care wishing to deepen their knowledge and skills related to programming and wanting to understand the newest programming strategies and technologies
- Specialized DBS nurses, involved in DBS programming and patient care
- Multidisciplinary teams of neurologist and nurses, especially to foster the multi-disciplinary approach to patient care

Venue March 26 & 27

Hermitage Hotel Prague
Svobodova 1
12800 Prague
Czech Republic

For more information

Tamara Franssen
+31618099653

Friday, March 27, 2026

08:30 Welcome and wrap-up of day 1
Prof. Contarino & Prof. Jech

08:45 Image guided programming
Prof. Jech

09:05* Sensing workflow
Prof. Contarino

09:25* Around the world of DBS programming: New features
G. Leogrande, MSc.

- Multiple frequencies, personalized shape of stimulation field, display vs. delivered amplitude, what is interleaved, real and apparent current, current spread with directional leads, when is better to use an option rather than another, adaptive DBS

09:45 Group discussion

10:00 Morning break

Breakout session: Practical programming & Troubleshooting workshop
Participants will be split in 2 groups, 2x 1h rotation

10:30 Case-based (advanced feature) hands-on programming workshop:
- from basic to new features of programming
- brainsense
All Faculty

11:30 Rotation, change of groups in breakout rooms

Breakout session: Practical programming & Troubleshooting workshop
Participants will be split in 2 groups, 2x 1h rotation

11:45 Case-based (advanced feature) hands-on programming workshop:
- from basic to new features of programming
- brainsense
All Faculty

12:45 Lunch break

13:40* Concepts behind adaptive DBS and a perspective into future applications
Prof. Kühn

14:00 Post-operative management and troubleshooting
Prof. Jech

14:20 Programming cases presented by Participants (1 case per center)
Please kindly submit **before March 20** to info@ecmt-training.com

15:00 Group discussion with refreshments

15:15 Challenging case discussion and sensing related questions
(Cases from Faculty or additional participant cases i.a.)

15:35 Final quiz, conclusion & adjourn
Prof. Contarino & Prof. Jech

16:00 End of training

*** 15' presentation and 5' discussion**