



Hamburg, Germany | 24th – 27th September, 2019

Compumedics is pleased to present its next Neuroscan School featuring the **CURRY 8** software in Hamburg, 24th – 27th September, 2019.

This Neuroscan School is a four-day course for individuals with moderate to advanced levels of expertise with the Neuroscan products, and with a specific interest in EEG acquisition, signal processing, source analysis, and multimodal integration. Basic knowledge of data acquisition and experiment creation is assumed.

CURRY EEG Acquisition & Signal Processing (Days 1 & 2)

The first two days review EEG data acquisition and signal processing using CURRY:

- Neuroscan System Integration and Overview
- EEG Data Acquisition (Live)
- Database Organization
- EEG Signal Processing Workflow in CURRY
- EEG Data Analysis
- MagLink Gradient Artifact Removal
- Ballistocardiogram Artifact Correction
- Frequency Domain Analysis
- Multifile/Macro Processing
- Coherence Analysis

CURRY Source Analysis & Multimodal Integration (Days 3 & 4)

The last two days review dipole modeling and source reconstruction using CURRY:

- Introduction to Source Analysis
- Source Analysis Workflow in CURRY
- Analysis of Simulated Data and Epileptic Spike Data
- Intracranial Data and MRI, CT, PET Co-registration
- fMRI-constrained Source Analysis
- Combined MEG/EEG Source Analysis
- Custom Head Model Creation

2019

VENUE:

Compumedics Office, Hamburg
Heussweg 25
20255 Hamburg
Germany
Tel. 0049 (0)40 40 18 99 47

Lunch, coffee breaks and course material will be provided.
Fees do not include travel and accommodation.

School sessions will go from approximately 9.00am to 5.00pm each day.

All hands-on sessions will be performed with Compumedics' CURRY software. Participants are to bring their own Windows laptops and a wheel mouse. CURRY software and course data will be installed onsite, **thus administrator rights/password are required.**

Laptops should have as a minimum:

- Windows 7 as the OS (Windows 10/ 64 bit is preferred.
CURRY 8 does not run on Windows XP)
- DirectX 11 compatible graphics card recommended
- Free USB port for the dongle
- Screen resolution of 1440 x 900 or higher
- 4+ GB RAM
- 10+ GB free disk space
- Multi core processor recommended

Time can be set apart at the end of the training modules for analysis of individual data.

FEES:

| | |
|-----------------------|-------|
| Days 1 & 2: | € 400 |
| Days 3 & 4: | € 400 |
| Fee for both modules: | € 750 |

REGISTRATION:

Please register by July 15, 2019

10% reductions on course fees will be granted with registrations received by May 01, 2019

The course will be held with a minimum of 10 attendees.

Please send your registration by either email or fax to Ingrid at the Hamburg office.

Email: ingridmerten@compumedics.com

Fax: 0049 40 40 18 99 49

The school will be conducted by Compumedics Neuroscan's German research scientists:



Reyko Tech
Software Developer,
Compumedics Neuroscan

Reyko Tech graduated from the University of Applied Sciences in Wedel, Germany, in 2007 with a degree in Media Computer Science. Whilst at the Philips Research Laboratories in Hamburg, Germany, Reyko wrote his diploma thesis about physical simulation of human tissue in a radio therapy environment. In early 2008 he joined Compumedics Neuroscan and is the main developer of the acquisition module of CURRY.



Fernando Gasca, Ph.D.
Software Developer,
Compumedics Neuroscan

Fernando Gasca graduated from the Iberoamerican University in Mexico City, in 2008 with a degree in Biomedical Engineering. He was a co-founder of CODE Ingeniería, a Mexico City-based technology development company, where he worked as an engineer till 2009. He later received his Ph.D. in Neuroengineering from the University of Lübeck, Germany, in 2013. His research focused on the modeling of transcranial stimulation techniques. Since 2014 he joined Compumedics Neuroscan as part of the CURRY development team in Hamburg, Germany. He has been involved in the development of the Image and Signal Processing modules, as well as the Finite Element Method (FEM) functionality.

To register please fax or mail the form below back to us (please see contact details below).

Registration Form

Name: _____
 Title: _____
 Institute: _____
 Department: _____
 Address: _____
 City: _____
 State/Country: _____
 Zip Code/Post Code: _____
 Telephone Number: _____
 Fax: _____
 Email Address: _____

Compumedics Europe GmbH

Branch Office:

Heussweg 25
 20255 Hamburg
 Germany
 Telephone: +49 40 40 18 99 47
 Fax: +49 40 40 18 99 49
 Email: ingridmerten@compumedics.com

I Would Like To Attend:

DAYS 1 & 2: € 400
DAYS 3 & 4: € 400
 € 750

Fee for both modules: Rates excl. VAT

Meals:

No Preference
 Vegetarian

Payment Type

Wire Transfer:

Bank name: Sparkasse Hegau-Bodensee
Account beneficiary: Compumedics Europe GmbH
IBAN: DE48 6925 0035 1055 1814 55

International Wire Transfer:

Bank name: Sparkasse Hegau-Bodensee
Bank address: Erzbergerstr. 2a
Bank post code: DE-78224 Singen
Bank country: GERMANY
Account beneficiary: Compumedics Europe GmbH
IBAN: DE48 6925 0035 1055 1814 55
SWIFT-BIC: SOLADES1SNG
Bank account no.: 1055 1814 55

All payments must be made free of any bank charges before the beginning of the course.

Credit card payment cannot be accepted.

During the course I would also like to learn about NeuroScan's hardware solutions:

EEG Amplifiers STIM
 QuikCaps Digitizer
 MicroMagLink MEG

Hardware session scheduled to be Monday, 23rd September, 2019 from 2pm to 5pm. No extra costs.

Other _____
