COMPUMEDICS Neuroscan™

NEUROSCAN SCHOOL

Hamburg, Germany | 20th – 23rd November, 2018

Compumedics is pleased to present its next Neuroscan School featuring the **CURRY 8** software in Hamburg. 20th – 23th November, 2018.

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

2018

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.

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NEUROSCAN SCHOOL | HAMBURG | 2018

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 September 10, 2018

10% reductions on course fees will be granted with registrations received by July 01, 2018

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

COMPUMEDICS Neuroscan™

NEUROSCAN SCHOOL | HAMBURG | 20th - 23rd NOVEMBER, 2018

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

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

COMPUMEDICS®
www.compumedics.com

I Would Like To Attend:

DAYS 1 & 2:	€ 400	☐
DAYS 3 & 4:	€ 400	☐
Fee for both modules:	€ 750	☐

Rates excl. VAT

Meals:
No Preference ☐
Vegetarian ☐

Payment Type
Wire Transfer:

Bank name:	Deutsche Bank Singen
Account beneficiary:	Compumedics Europe GmbH
SWIFT / BIC.:	DEUTDE6F692
IBAN:	DE50 6927 0038 0074 7170 00

International Wire Transfer:

Bank name:	Deutsche Bank
Bank address:	August-Ruf-Straße 8
Bank post code:	DE-78224 Singen
Bank country:	GERMANY
Account beneficiary:	Compumedics Europe GmbH
IBAN:	DE50 6927 0038 0074 7170 00
SWIFT-BIC:	DEUTDE6F692
Bank account no.:	074 7170 00

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, 19th November, 2018 from 2pm to 5pm. No extra costs.

Other _____

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