

COMPUMEDICS *NeuroScan*TM

VIRTUAL NEUROSCAN SCHOOL



29th September – 02nd October, 2020

Compumedics is pleased to present its **VIRTUAL Neuroscan School** featuring the **NEW CURRY 9** software.

This Neuroscan School is a four-day online 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
- EEG Signal Processing Workflow in CURRY
- EEG Data Analysis
- MagLink Gradient Artifact Removal
- Ballistocardiogram Artifact Correction
- Frequency Domain Analysis
- Coherence Analysis
- Multifile/Macro Processing
- Database Organization

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
- Manual and Automatic Spike and Seizure Marking
- Intracranial Data and MRI, CT, PET Co-registration
- fMRI-constrained Source Analysis
- Combined MEG/EEG Source Analysis
- Custom Head Model Creation

2020

COURSE DETAILS:

Times of Virtual Sessions each day will be approximately:

9.00am to 5.00pm Hamburg (UTC+2/CET)

3.00pm to 11.00pm Singapore Standard Time (SST)

5.00pm to 1.00am Australian Eastern Standard Time (AEST)

Participants from outside Europe please be aware of the time shift.
Sessions are scheduled according to Central European Time (CET).

Videos of all sessions will be provided.

Sessions will be performed with Compumedics' CURRY software.
Participants to have their own Windows laptops and a wheel mouse.
CURRY software and course data will be installed the week before the training.
For installation administrator rights/password are required.

Laptops should have as a minimum:

- Windows7 64 bit as the OS (Windows10 64 bit is preferred)
- DirectX 11 compatible graphics card recommended
- Screen resolution of 1440 x 900 or higher
- 4+ GB RAM
- 10+ GB free disk space
- Multi core processor recommended
- Stable internet connection for online sessions
- Microphone and webcam (optional) for Q&A sessions

FEES:

€300

Rate excl. VAT

USD \$350

AUD \$490

Rate Incl. GST

Includes access to training software and course material.

REGISTRATION:

Please register by August 31, 2020

**The course will be held with a minimum of 10 participants.
Please send your registration by either email or fax to:**

EU PARTICIPANTS: Ingrid at the Hamburg office

Email: ingridmerten@compumedics.com

Fax: 0049 40 40 18 99 49

ASIA and AUSTRALIA

PARTICIPANTS: Email: marketing@compumedics.com.au

The virtual 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 and automatic spike and seizure detection.

To register please fax or email 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 (optional): _____
 Email Address: _____

Please send your registration by either email or fax to:

EU PARTICIPANTS: Ingrid at the Hamburg office

Email: ingridmerten@compumedics.com

Fax: 0049 40 40 18 99 49

ASIA and AUSTRALIA

PARTICIPANTS: Email: marketing@compumedics.com.au

Payment Details:

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

Payment Type EURO

€ 300 Rate excl. VAT

Credit card payment cannot be accepted for EURO payment.

☐ 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

Payment Type USD

USD \$350

☐ International Wire Transfer:

Bank name: Bank of Melbourne
 Bank Branch: Melbourne (333-037)
 Bank Country: AUSTRALIA
 Account Beneficiary: Compumedics Limited
 30- 40 Flockhart Street,
 Abbotsford, VIC 3067,
 Australia
 SWIFT Address: SGBLAU2S
 Bank account no.: 205426USD01

Important note:
 For the Description please use the code:
VNS20 followed by your name.

Additional Information:

The swift code will display St George Bank. Proceed with it. St George Bank is part of the group of Bank of Melbourne.

Credit card payment cannot be accepted for USD payment.

Payment Type AUD

AUD \$490 Rate Incl. GST

☐ Electronic Transfer:

Bank name: Bank of Melbourne/St George Bank
 Account Name: Compumedics Limited
 BSB No: 333-037
 Account no.: 732 231 648

Important note:
 For the Description please use the code:
VNS20 followed by your name.

☐ Credit Card Payment:

Payment Type: Credit Card: ☐ Visa ☐ Mastercard

Card Number

□□□□ □□□□ □□□□ □□□□

Expiry Date □□ / □□

Name on card _____

Signature _____