



# SCAN & CURRY School

## Barcelona, Spain 11th - 15th June 2010

Compumedics is pleased to present the SCAN & CURRY school from 11 - 15 June in Barcelona, Spain - to be held in conjunction with the 16th Annual Human Brain Mapping Meeting, Barcelona 6 - 10 June, 2010.

The SCAN & CURRY school is a five-day course for individuals with moderate to advanced levels of expertise with the Neuroscan products, and with a specific interest in simultaneous acquisition of EEG. Basic knowledge of data acquisition and experiment creation is assumed.

### SCAN: (Days 1 to 2)

- Neuroscan system integration and overview
- SCAN acquisition parameters I
- SCAN acquisition parameters II
- QuikCell Demo
- Stim2 overview
- SCAN analysis session I
- SCAN analysis session II
- Tcl Batch processing
- Source reconstruction overview
- General discussion of issues

### (Day 3)

- Electro-Physiological Amplifiers
- Electrodes and Transducers
- SCAN Acquire
- SCAN batch processing
- SCAN Analysis
- Instrumentation
- MagLink system introduction
- MagLink gradient artifact removal
- MagLink ballistocardiogram artifact correction
- In-class data processing with participants' datasets
- Introduction to source reconstruction with SOURCE
- Experimentations

### CURRY: (Days 4 & 5)

- The last two days review dipole modeling and source reconstruction using CURRY
- Introduction to CURRY
- Analysis of Simulated Data and Epileptic Spike Data
- Three Anatomical Data Sets and an Implanted ECoG Grid
- fMRI-constrained Source Analysis
- Template-based Event Detection and PCA Projection
- Combined MEG/EEG-Source Analysis
- On Day 5, students are encouraged to bring their own data for analysis



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## Venue:

Gran Hotel Princesa Sofia  
Plaza Pio XII, 4  
08028 Barcelona  
Spain

Tel. 0034 93 508 10 00

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Lunch and tea/coffee breaks will be provided

Fees do not include travel and accommodation

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

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## Fees:

SCAN Fee: € 550

CURRY Fee: € 350

Fee for both modules: € 850

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## Registration:

Please register by April 12th, 2010

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Should you have any questions, please contact Ingrid Merten on:

tel: +49 40 40 18 99 47, fax: +49 40 40 18 99 49 or email: [ingridmerten@compumedics.com](mailto:ingridmerten@compumedics.com)

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



### **SCAN: Dr. Curtis Ponton**

Curtis Ponton, Ph.D, leads the Neuroscan division of Compumedics as Vice President and Chief Scientist. He joined Neuroscan in 2000 after spending 11 years at a research institute in Los Angeles, California. During this tenure, his work focused on the maturation of human cortical evoked potentials specifically focusing on profound deafness and the restoration of auditory sensation on plasticity in the central auditory system. Curtis maintains active collaborations for both basic research and scientific product development.



### **CURRY: Dr. Michael Wagner**

Michael Wagner, Ph.D., is Senior Scientist with Compumedics Neuroscan. Michael is in charge of the Curry source reconstruction software products, where he is involved with project management, research, software development, training, and helpdesk. Michael studied electrical engineering and philosophy in Munich, Germany. In 1992, his interest in medical applications led him to the Philips Research Labs in Hamburg, Germany. In collaboration with Hamburg's Technical University, he worked on the combination of functional (EEG, MEG) and image (MRI) modalities and received his Ph.D. in 1998. Since the year 2000, he has worked for Neuroscan, now a division of Compumedics. He lives in Hamburg, Germany.

**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 Germany GmbH**

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**I Would Like To Attend:**

**SCAN Fee:** € 550

**CURRY Fee:** € 350

**Fee for both modules:** € 850

**Meals:**

No Preference

Vegan

Vegetarian

**Payment Type:**

Wire Transfer

**Bank name:** Sparkasse Singen-Radolfzell  
**Account name:** Compumedics Germany GmbH  
**Account number:** 4907531  
**Bank Code:** 692 500 35  
**SWIFT/BIC:** SOLADES1SNG  
**IBAN:** DE60 6925 0035 0004 9075 31

Credit Card

(fill required fields below)

Credit card payments can only be processed through Compumedics Ltd. Australia in AUD

**Credit Card Type:**  Visa  Mastercard  Bankcard

**Credit Card Number:** \_\_\_\_\_

**Expiration Date:** \_\_\_\_\_ / \_\_\_\_\_

**Cardholder Name:** \_\_\_\_\_



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*'Defining Life's Signals'*