

## Electromyography in Practice and Research

### About the Workshop

This workshop is an introduction and refresher in Electromyography. It will show you how to record EMG effectively and efficiently. Attendees will learn the fundamentals of EMG data acquisition as well as gain a deep understanding of the analysis of EMG signals to improve both practice and research. The workshop will include hands-on demonstrations with the newest electromyography technologies.

### Date and Location

The workshop will be held on 8 April 2011 from 10.00 am to 3.45 pm in the Ashley Building at the Leek Road Campus of Staffordshire University, Stoke on Trent, ST4 2DF.

<[http://www.staffs.ac.uk/about\\_us/campuses\\_and\\_maps/stoke/](http://www.staffs.ac.uk/about_us/campuses_and_maps/stoke/)>

### Demographics

This workshop will provide insight and discussion of Electromyography for beginners and intermediates. However, the experienced practitioners might find this to be a refreshing experience and are encouraged to attend and bring their expertise. Topics will be geared toward rehabilitation and exercise science, and experts in these fields will be able to offer guidance for both research and practical applications.

### Speakers/ Facilitators

Professor Jim Richards, *University of Central Lancashire*

Dr John Dixon, *Teesside University*

Dr Anand Pandyan, *Keele University*

### Cost

This workshop is offered as a part of the **Staffordshire Conference on Clinical Biomechanics (SCCB) 2011**. The number of places is limited and we will allocate on first come first served basis. If you are not planning to attend the full conference and would like to confirm a place in the workshop, there is a nominal **charge of £25**. Please complete a separate registration form (attached). Please return the registration forms to:

Conference Secretariat, Staffordshire Conference on Clinical Biomechanics,  
Staffordshire University, Faculty of Health, Leek Road, Stoke on Trent, ST4 2DF, United Kingdom

### Programme

10.00-10.30am	Arrival, registration, and coffee
10.30-11.10am	Collecting data: Instrumentation and recording (Professor Jim Richards)
11.20-12.00 noon	Making sense of the data: Processing, normalising, and analysing (Dr John Dixon, Professor Jim Richards)
12.00-1.00pm	Lunch
1.00-2.00pm	Hands on use of equipment
2.00-2.15pm	Coffee
2.15-3.15pm	Applications in rehabilitation and exercise science (Dr John Dixon, Dr Anand Pandyan)
3.15-3.45pm	General discussion
3.45pm	Close

### Acknowledgments

This workshop is sponsored by Delsys, Inc. For more information about Delsys products and services, please visit [www.delsys.com](http://www.delsys.com)

## Electromyography in Practice and Research

Ashley Building, Staffordshire University, Leek Road, Stoke on Trent ST4 2DF  
Friday, 08 April 2011

### Registration Form

SURNAME TITLE FIRST NAME

ORGANISATION

POSITION

POSTAL ADDRESS

POST CODE

TELEPHONE

EMAIL (Please print clearly)

#### REGISTRATION FEES

This workshop is offered as a part of the **Staffordshire Conference on Clinical Biomechanics (SCCB) 2011**. The number of places is limited and we will allocate on first come first served basis. (Please complete a separate registration form for the main conference - attached).

If you are not planning to attend the full conference and would like to confirm a place in the workshop, there is a nominal charge of **£25**.

*Please indicate if you have any special dietary needs.....*

(Accommodation – Please see attached list of hotels available. Please contact them directly to make a booking. Unfortunately we cannot book rooms on your behalf.)

#### PAYMENT METHOD

- Cheques should be made payable to '**Staffordshire University**'.
- You can pay by phone using your credit cards. For Credit card payments, please contact our Finance Department on **01782 294412** or **01785 353536**.

Please complete in BLOCK LETTERS and return with your payment to:

Conference Secretariat,  
Staffordshire Conference on Clinical Biomechanics  
Staffordshire University  
Faculty of Health, Leek Road,  
Stoke on Trent - ST4 2DF, United Kingdom  
[www.staffs.ac.uk/sccb](http://www.staffs.ac.uk/sccb)

**Please tick here if you do not wish your name and other contact details to be listed on the conference attendance list.**

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