

## Measurement Uncertainty Workshop

**31 March 2010**

Conference Centre

The Heath Business & Technical Park, Runcorn, Cheshire, WA7 4QX

### **A one-day workshop organised by LGC and The Association for Clinical Biochemistry with support from the National Measurement System Chemical and Biological Metrology Programme**

The evaluation of uncertainty is a requirement for laboratories accredited to CPA standards (F3.3). The workshop will provide an overview of the process of uncertainty evaluation, including current accreditation requirements. It will also give delegates the opportunity to work through case studies and to discuss current issues or concerns relating to accreditation and uncertainty estimation.

#### **Who should attend?**

The workshop will be of benefit to anyone involved with carrying out uncertainty calculations or concerned with the interpretation of measurement results, in particular senior scientists and quality specialists.

#### **The venue**

The workshop will take place at the modern conference centre located at the Heath Business and Technical Park, Runcorn. The conference centre is easily accessible by road, rail and air. Information on local accommodation is available on request.

#### **Programme**

09:30	<i>Registration and coffee</i>
10:00	Introduction to the workshop
10:10	Brief introduction to measurement uncertainty
10:30	Key rules for uncertainty evaluation
11:00	Exercise: Converting and combining uncertainties (including coffee break)
11:45	Approaches to uncertainty evaluation
12:30	<i>Lunch</i>
13:30	Case studies (proposed examples: determination of creatinine in serum, determination of catecholamines in urine)
15:00	<i>Coffee</i>
15:20	Workshop feedback
15:30	Accreditation requirements
16:00	Discussion
16:30	<i>Close</i>

*Occasionally, due to circumstances beyond our control, it may be necessary to alter the content of workshop programmes. We therefore reserve the right to modify the programme.*

# Registration Form

Please note that this event is limited to 25 places – book early to secure your place

## Mail or fax this form to:

Bernadette Francis  
LGC Limited, Queens Road, Teddington, Middlesex, TW11 0LY  
Tel 020 8943 7423, Fax 020 8943 2767  
Email: bernadette.francis@lgc.co.uk

## Price:

£40.00 plus VAT (Total price: £47:00\*)

The fee includes copies of the presentations and all refreshments.

## Delegate details (Block capitals please):

Name (as required on delegate badge):

Organisation:

Address:

Postcode:

Telephone:

Email:

## Payment details:

Cheque *Please make payable to LGC Limited*     BACS *Please contact Bernadette Francis*

Credit/debit card *(not Amex/Diners)*

Card type (e.g. Visa, Mastercard):

Card number:

Name on card:

Expiry date:

Issue no. (Switch/Maestro only):

## Terms and conditions:

- All fees must be paid in advance of the workshop
- A full refund will be provided for cancellations received more than 30 working days before the workshop
- A refund of 50% will be provided for cancellations received between 15 and 30 working days before the workshop
- No refunds will be given for cancellations received less than 15 working days before the workshop
- Substitutions will be accepted at any time.

\*Calculated using current VAT rate (1 January 2010) of 17.5%.

By returning this form you agree to your personal information being processed by LGC Limited for the organisation and administration of this event.