

**EURAMET training course on mass calibration at OIML E1 uncertainty**  
NPL, Teddington, 6-8 November 2018

Programme ver 2018-03-05

**6 Nov 2018**

8.45	Registration of the participants		
9.00-17.00	Opening and introduction		
	The international mass unit and traceability	Lecture	SD
	Weight inspection and weight handling	Lecture	EW
	Weighing techniques (basic)	Lecture	KD
	ABABA weighting exercise	Laboratory	

**7 Nov 2018**

9.00-17.00	Balance assessment	Lecture	PW
	Assessment of a balance for eccentricity	Laboratory	
	Assessment of a balance for hysteresis	Laboratory	
	Assessment of a balance for linearity	Laboratory	
	Assessment of a balance for repeatability	Laboratory	
	Air density measurement and buoyancy correction	Lecture	JB

**8 Nov 2018**

9.00-17.00	Weighing techniques (advanced)	Lecture	JB
	High accuracy weighing including buoyancy correction	Laboratory	
	Uncertainty calculation	Lecture	EW
	Review of weighing results and uncertainty calculations	Practical session	
	Future changes to the SI unit of mass and implications for NMIs/DIs	Lecture	SD

Coffee and lunch breaks will be announced at the training.

Lecturers at the training are:

- SD - Stuart Davidson
- EW - Emily Webster
- JB - James Berry
- PW - Perdi Williams
- KD - Kevin Douglas