

**EURAMET – BIPM Training course on organisation and piloting intercomparisons in ionising radiation**  
**Bushy House NPL, Teddington, UK, 9-11. October 2019**  
Agenda draft 2019-10-09

**Wednesday, 9 October 2019**

8h45		Registration	
9h00		Opening by Dr Martyn Sene, Deputy Director at NPL, CIPM member	
		Objectives of the training course	TT
9h15	1	International Measurement System	SJ
9h45	2	EURAMET – an overview	TT
	3	TC-IR: organisation, CMCs and comparisons	UA
10h30		coffee	
11h00	4	Conducting a comparison exercise	SJ
11h30	5	The IAEA comparison programme	PT
11h45	6	EURAMET Comparisons	WS
12h15		lunch	
13h15	7	Logistics of intercomparisons	DA
14h00	8	Preparation of a good and suitable protocol	SJ
14h45		Coffee	
15h15	9	Evaluation of results, suitable statistical tests, outliers determination	SPo
16h45	10	Practical aspects of conducting comparisons (what-if)	LP
17h15		End of day 1	

Dinner reservation for participants (self-paying)

**Thursday, 10 October 2019**

9h00	11	Radioactivity intercomparisons lecture, workflow examples	CM
10h00	12	A view from a newcomer - radioactivity	AG

10h30		coffee	
11h00	13	case studies (exercises - radioactivity)	DC
12h30		presentation of results / discussion	
13h00		lunch	
14h00	14	Dosimetry intercomparisons lecture, workflow examples	IC
15h00	15	A view from a newcomer - dosimetry	MŽ
15h30		coffee	
16h00	16	case studies (exercises - dosimetry)	DC
17h30		presentation of results / discussion	
18h00		End of day 2	

### Friday, 11 October 2019

9h00	17	Neutrons intercomparisons lecture, workflow examples	NR
10h00	18	case studies (exercises - neutrons)	DC
10h30		coffee	
11h00		case studies (practical exercises, continuation)	
12h00		presentation of results / discussion	
12h30	19	Basic information about KCDB-2	SJ
13h00		lunch	
14h00	20	A summary overview - Differences and specifics of intercomparisons in dosimetry and radioactivity, requirements for proficiency tests and reference materials (according to ISO 17043 and ISO 17034 standards)	IC
14h45		What have we learned (students' presentation for each of specific fields) <ul style="list-style-type: none"> <li>• dosimetry</li> <li>• Radioactivity</li> <li>• Neutrons</li> </ul>	
15h30		Any more questions? Last chance.	
15h45		Closure	
16h00		Visit of NPL IR laboratories (dosimetry, radioactivity or neutrons)	

### Lecturers

- AG - Arunas Gudelis (FTMC)
- AU – Ulrike Ankerhold (PTB)
- CM - Carine Michotte (BIPM)
- DA - Daniel Ainsworth (NPL)
- DC - Denis Glavič Cindro (IJS)
- IC - István Csete (ex AIEA)
- JK - John Keightley (NPL)
- LP – Linda Persson (SSM)
- MŽ – Miloš Živanović (VINS)
- NR - Neil Roberts (NPL)
- PT - Paula Toroi (IAEA)
- SJ - Steven Judge (BIPM)
- SPo - Stefaan Pommé (JRC)
- TT – Tanasko Tasić (EURAMET)
- WS – Wolfgang Schmid (EURAMET)