

# Harshaw TLD Medical Dosimetry Training Day



Held at  
**Phoenix Dosimetry Ltd**  
Sandhurst, Berkshire  
**November 13<sup>th</sup>, 2017**

Registration Fee for the training is: £290.00 per person and includes:

- 1 day Harshaw TLD Medical Dosimetry Training
- Complete Training Program Course Material in binder format
- Hands on experience on Readers at Phoenix Dosimetry Ltd
- Lunch, mid-morning & afternoon refreshments

Local Hotels are available—please let us know if we can help?

Also for those travelling by Train we should be able to give lifts to and from Farnborough, Blackwater or Sandhurst stations

**Email Tracey Rippon; [sales@phoenix-dosimetry.co.uk](mailto:sales@phoenix-dosimetry.co.uk) to register**

In Partnership with



**Space is Limited**

## **Course Outline**

- 9:00am – Coffee, Welcome & Introductions  
9:15am – Thermoluminescence: Concepts and background  
9:45am – Properties of LiF:MgTi / LiF:Mg,Cu,P  
which best suits your needs for Radiotherapy and diagnostic dosimetry
- 10:15am – Break**  
10:30am – Model 5500 & 3500 TLD Readers Overview, Operation & Safety  
10.50am – WinREMS Operational Software Overview and Capabilities  
11.20am – Oven Annealing process: TLD-3 Oven  
11:30am – Hands on sessions with Model 5500 & 4500 Readers
- 12:15pm – Lunch on site**  
1:00pm – Calibrating the System: WinREMS capability versus CSV export to spreadsheets for customized calibrations and data presentation  
1:30pm – General System Calibration methodology (Individual calibration factors, Batch Calibration factors, Reader Calibration..)
- 2:00pm – Break**  
2:15pm – Glow Curve Review & Analysis of data  
2.45pm – TLD System QA/QC  
3.10 pm – Basic care and first line maintenance of TLD Readers  
**3.45 pm– Finish**

## **About the Instructor**

Joe Rotunda is a leading expert in the field of dosimetry with more than 25 years of global experience. He is an active member on ANSI, IEC & ISO working groups for Standards development relating to Dosimetry and Radiation Protection. Prior to forming Rotunda Scientific Technologies in 2012 he worked at Harshaw / Thermo Fisher Scientific developing, directly or indirectly, the dosimetry products that are part of this course.

