

NUC 2019

NEUTRON USERS CLUB MEETING

9th October 2019 | NPL, Teddington, UK

AGENDA

10:00	<i>Registration and Coffee</i>	
10.30	<i>Welcome</i>	David Thomas (NPL)
10.40	Fusion Neutronics	Chris Wilson (UKAEA)
11.00	Performance of Silicon Carbide based Neutron Heterodiode sensors in mixed Gamma and Neutron Fields	Robert Venn (Cambridge Mircofab Ltd)
11.20	nFacet 3D: Sensitive Neutron Detection for Dose Estimation	Antonin Vacheret (Imperial College London)
11.40	Personal Online Dosimetry Using computational Methods (PODIUM): Motivation, Modelling, Measurements and Mapping	Rick Tanner / Jon Eakins (PHE)
12:20	<i>Lunch</i>	
13.30	Characterisation of DIAMON: a new, portable, real time and direction aware neutron spectrometer	Dario Rastelli (RAYLAB)
13.50	Operational Experience of the First Dry Fuel Storage campaign at Sizewell B	Richard Parlone / Leopold Blaauw (EDF Energy)
14.10	ChipIR, an atmospheric neutron beamline for the irradiation of microelectronics	Carlo Cazzaniga (STFC)
14.30	Boron-loaded organic semiconductors for thermal neutron detection	Prodromos ChatzispYROglou (Surrey University)
14.50	Towards fast neutron metrology at iThemba LABS	Alberto Boso (NPL)
15.15	<i>Tea and Coffee</i>	
15.45	Visitors are welcome to visit the facilities of the NPL neutron group	
17:00	Close	