

Annual PIRE Consortium Meeting – July 1 – 3 , 2015 - Schedule of Speakers and Titles		
Wednesday July 1st 2015		
Time	Speaker	Talk title
14.00	A. Hassanein	Status of the PIRE Project - Nuclear Energy Systems and Materials under Extreme Conditions and NSF Reverse Site Review
14.45	G. O'Sullivan	Laser plasma and EUV activities at UCD
16.00	V. Kozhevin	Status of Ioffe Institute work at the project and Influence of an electric field in Langmuir layer on the dynamics of the plasma-wall interface (analytical model)
16.45	M. Gorokhov	Microparticles charging in an electron beam for their deflection - Designing the electric shield
Thursday July 2nd 2015		
Time	Speaker	Talk title
09.45	K. Tanaka	MeV proton irradiation on Fe sample for fusion reactor study
14.00	H. Aglan	Mechanical, Fracture and Fatigue Behavior of Selective Candidate Materials for Nuclear Energy Applications Exposed to Elevated Temperatures
14.45	J. Stubbins	Promotion of Nuclear Energy Sustainability and Research on Global Energy System Modeling & Policy
16.00	P. Hayden	VUV laser induced breakdown spectroscopy (LIBS) for elemental characterisation
16.45	T. J. Kelly	Fast ion emission in femtosecond laser produced plasmas
Friday July 3rd 2015		
Time	Speaker	Talk title
09.00	J. Linke	Transient thermal loads on plasma facing materials
09.45	T. Sizyuk	Temporal and spatial effects on the efficiency of EUV and soft x-ray sources
11.00	J. Costello	Recent results from XUV and X-ray free electron laser (FEL) experiments
11.45	J. Main	Examining Intercultural Competency among Engineering Students.