



# Public Workshop on Assessment of Residual Stresses in Welds

## Wednesday, 23 November 2022

### **Public NeT Workshop: Welcome - Auditorium Room 0.001 (09:00 - 09:15)**

-Conveners: Juergen Neuhaus

### **Public NeT Workshop: Plenary Talks I - Auditorium Room 0.001 (09:15 - 10:30)**

-Conveners: Carsten Ohms

time	[id] title	presenter
09:15	[2] Into the world - how NeT has influenced Structural Integrity Assessment in UK Nuclear Plant	SMITH, Mike
10:00	[5] Residual stress: a matter of structural integrity for nuclear reactors	GONCALVEZ, Diogo

### **Public NeT Workshop: Plenary Talks II - Auditorium Room 0.001 (11:00 - 12:30)**

-Conveners: Mike Smith

time	[id] title	presenter
11:00	[3] How you can implement the lessons learned from NeT round robins to day-to-day problems in nuclear industry	ROBIN, Vincent
11:45	[7] Application of the contour method to NeT components	BOUCHARD, John
12:05	[4] Lessons learnt from NeT and applied to other projects like NNUMAN/ATLAS+ or MATTEAR	VASILEIOU, Anastasia

### **Public NeT Workshop: Methods - Auditorium Room 0.001 (14:00 - 15:20)**

-Conveners: Anastasius Youtsos

time	[id] title	presenter
14:00	[6] Deep hole drilling (DHD) measurements and observations of the first 20 years of NeT TG specimens	TRUMAN, Chris
14:20	[8] Neutron Diffraction in NeT	HOFMANN, Michael
14:40	[9] Uncertainties due to grain size issues in residual stress determinations using neutron diffraction	WIMPORY, Robert
15:00	[1] A deconvolution method for the mapping of residual stresses by diffraction	BRAHAM, Chedley

### **Public NeT Workshop: Numerical Modelling - Auditorium Room 0.001 (15:50 - 17:30)**

-Conveners: Vincent Robin

time	[id] title	presenter
15:50	[11] Numerical activities for the NeT Task Groups	DEPRADEUX, Lionel
16:10	[10] NeT-TG6: Three superimposed Alloy 82 weld beads on a plate Alloy 600 nickel-base superalloy using TIG	AKRIVOS, Vasileios

16:30	[12] Wire + arc additive manufacturing : the challenge of distortions and residual stresses	BENDAOU, Issam
16:50	[13] 20 years of NeT, a summary of the achievements	OHMS, Carsten
17:10	[14] Final Discussion, Round up	