Workshop Program on:

INSTRUMENTATION AND MEASUREMENT IN NUCLEAR MEDIA.

International Convention Center Sydney, Meeting Room C4.8
Sunday, November 11th, 2018, 8.30 – 15.30

Organizer & Leader: Abdallah Lyoussi (CEA, France)

8.30 - 8.45: General introduction (A. Lyoussi)

- 8.45 – 9.15: A. LYOUSSI, "Nuclear instrumentation and measurement in nuclear media: some advances and main challenges" CEA, France.


9.45 -12.00: Part 1: “Advanced Measurements and Instrumentation for/in Research Reactors” (Chairs: M. Joyce (University of Lancaster, UK) & M. Morichi (CAEN Sys, Italy))


- 10.15 -11.00: Coffee break.

- 11.00-11.30: Ch. REYNARD-CARETTE: “Review of AMU/CEA works realized in the framework of the INCORE program. Comparison between two differential calorimeters used for measurements of adsorbed dose rates in nuclear research reactors” Aix-Marseille University, IM2NP, Marseille, France.

- 11.30-12.00: Ch. DESTOUCHES: “State of the art of the CEA R&D for Instrumentation and measurements in Experimental Nuclear Reactors”, CEA, Cadarache, France.
12.00-14.00: Lunchtime

14.00–14.45: Part-02 “Non Destructive Assays for material, fuel and radioactive waste Characterization and Control” (Chairs: P. Mutti (ILL, France), Ch. Reynard-Carette (AMU, France)

14.00-14.45: (Invited talk) M. Joyce “A comparison of gamma-ray spectroscopy with accelerator. mass spectrometry for environmental assay of plutonium” Lancaster University, UK.

14.45–14.15: Part 03 “Innovative sensors and detection devices” (Chairs: P. Mutti (ILL, France), Ch. Reynard-Carette (AMU, France)


15.15 – 16.00: Conclusion and end of the workshop.

Except the invited talks, the allowed time of each presentation is 30 minutes: 20 minutes speaking and 10 min Q/A.