



**1<sup>st</sup> Announcement, December 2017**



# WONDER 2018



## **5<sup>th</sup> International Workshop On Nuclear Data Evaluation for Reactor applications**



**8<sup>th</sup> October – 12<sup>th</sup> October, 2018  
Aix-en-Provence, France**



This is the first announcement of the fifth international **Workshop On Nuclear Data Evaluation for Reactor applications (WONDER-2018)**. This workshop will take place at Aix-en-Provence downtown (South-East of France).

**It will start on Monday 8<sup>th</sup> of October (12.00 am) by a lunch + registration and will end on Friday, 12<sup>th</sup> of October (2.00 pm), after lunch.**

The 5<sup>th</sup> edition of the International **Workshop On Nuclear Data Evaluation for Reactor Applications (WONDER-2018)**, organized by CEA-Cadarache will be held in Aix-en-Provence, France, on October 8-12, 2018. This workshop is the continuation of a series of workshops held in 2006, 2009, 2012 and 2015 ( <https://www.epj-conferences.org/articles/epjconf/abs/2016/06/contents/contents.html> ).

Main objective of the workshop is to review the current modeling and evaluation methods of nuclear data for reactor applications (operational and future nuclear installations) and to debate possible areas of improvements. The expected number of participants is about 70 and the workshop language is English.

The following topics will be covered:

- Nuclear Data needs for reactor applications
- Microscopic and integral nuclear data measurements
- Evaluation of nuclear data (theories, models, codes)
- Uncertainties and covariance matrices (methodology and impact on reactor calculations)
- Processing and benchmarking
- Thermal scattering laws
- Decay data
- Nuclear fission, including prompt particle emission and fission yields

### **Contact**

If you need information regarding transportation, accommodation or anything else, please do not hesitate to contact our Workshop Secretariat:

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