

Workshop on experimental and theoretical problematic around actinides for future reactors.

17 ~ 19 March 2014

Maëlle Kerveno (IPHC/CNRS), Marc Dupuis (CEA/DAM)



Practical information

Presentations

If you agree, the presentations will be put on the web after the workshop.

Wifi

Access codes:

Reimbursement

- Join bank account details (RIB, IBAN)
- Keep Hotel and restaurants bills.

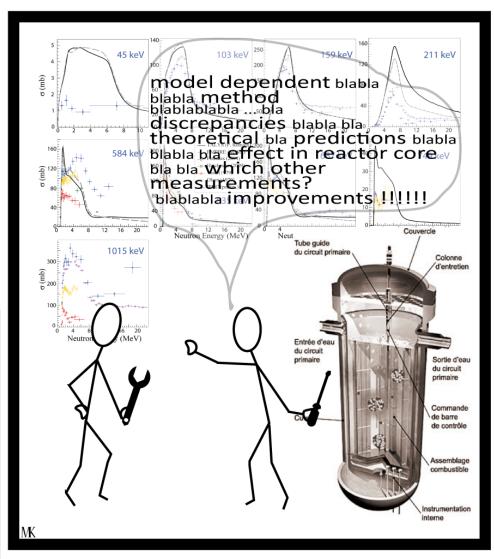
Lunches

- We leave the SPhN site by car for the CEA Saclay center cafeteria which is two kilometers away.
- Payment: one of the organizers of the workshop will have the ESNT restaurant card and pay for the workshop participants.
- Please, wait for Maëlle or Marc at check-out!

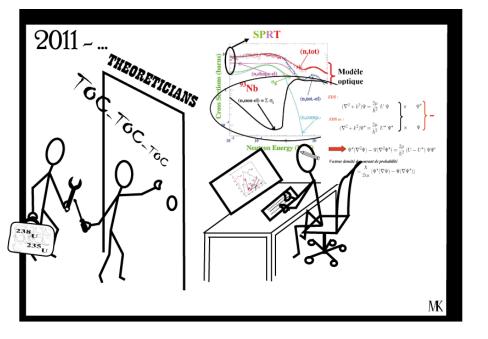


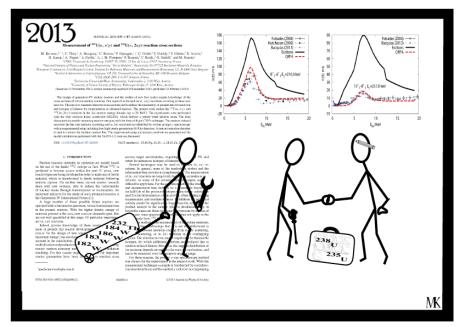
1999 – 2010 MK

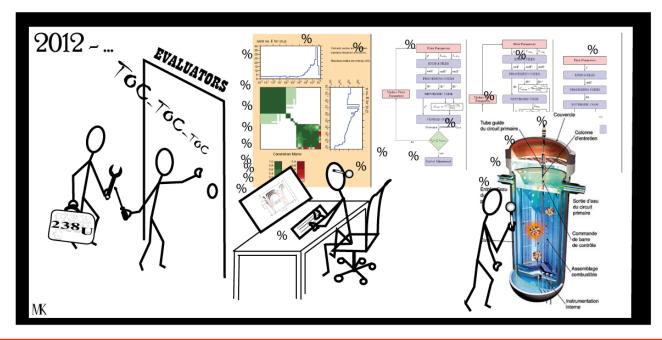
Experimentalist's point of view

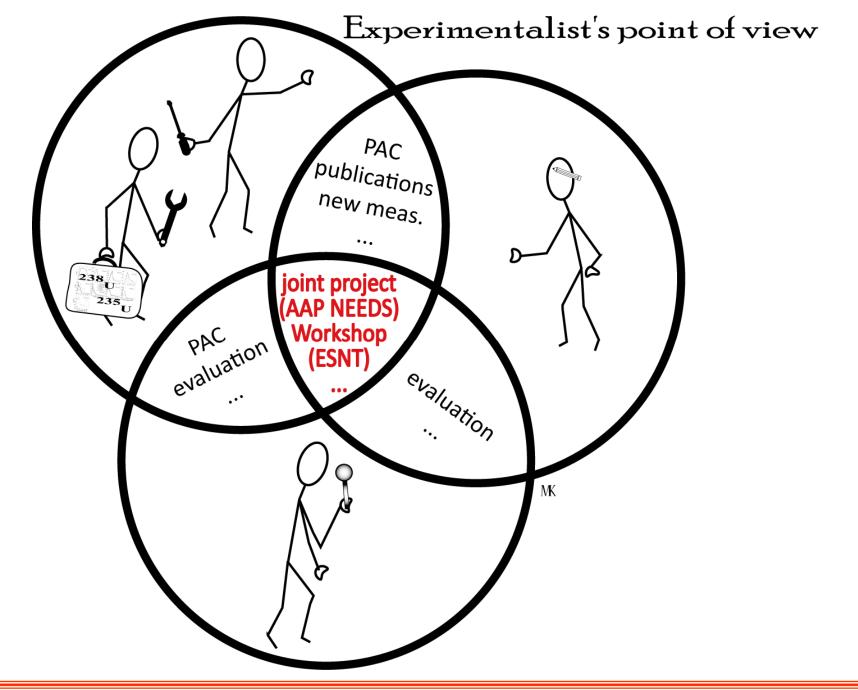


we need help.... 🗓

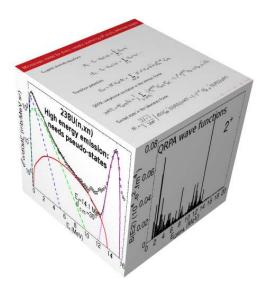






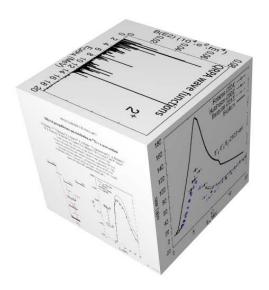


... working on microscopic inelastic scattering models to explain $^{238}\mbox{U}$ (n,xn) measured cross sections ...





2013 other observables of interest \dots deeper testing of nuclear reaction modeling \dots





PROGRAM

Workshop Experimental and theoretical problematic around actinides for future reactors.

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()			17th March, Monday		
Ψ,	/	11:30 - 12:15	Registration		(4)
1		12:30 - 13:45	lunch		
	13:45 - 14:00	Registration		\cup	
	j	General talks		I	
			Maëlle Kerveno (CNRS)	Introduction	. ^
			Marc Dupuis (CEA/DAM)		<u> </u>
		14:15 - 15:00	E.Bauge (CEA/DAM)	"lecture on inelastic model"	\vee \cap
)	15:00 - 15:45	D. Bernard (CEA/DEN)	"Importance of the neutron slowing down through 238U inelastic scattering for reactor applications and inherent nuclear structure uncertainties for the evaluation of its discrete levels"	
	15:45 - 16:00	break		/ \	
		16:00 - 16:45	R. Capote (IAEA)	"Challenges in nuclear data evaluation of actinide nuclei] [
		16:45 - 17:15	Discussion		_ \

	18th March, Tuesday					
	theoretical (n,xn) and (n,xn γ)					
9:00 - 9:45	S. Hilaire (CEA/DAM)	"TALYS code"				
9:45 - 10:30	P. Romain (CEA/DAM)	"What bothers me about inelastic models"				
10:30 - 11:00	break					
11:00 - 11:45	T. Kawano (LANL)	"Theoretical issues on nuclear reactions modeling."				
11:45 - 12:30	M. Dupuis (CEA/DAM)	"last development on direct nucleoninelastic scatering modeling and spin distributions."				
12:30 - 14:00	lunch					
	experimental (n,xn) and (n,xn γ)					
14:00 - 14:45	A. Plompen (JRC/IRMM)	"Actinide on the High Priority Request List." "Experiences with modelling (n,n'g) data using TALYS"				
14:45 - 15:30	A. Bacquias/M. kerveno (CNRS/IPHC)	"latest results on (n,xn g) on 235U, 238U, 232Th(?)"				
15:30 - 15:45	break					
15:45 - 16:30	C.Borcea (IFIN)	"surrogate reaction for inelastic reaction investigation."				
16:30 - 17:15	Discussion					

	19th March, Wednesday					
	experimental (n,xn) and (n,xn γ)					
9:00 - 9:45	X. Ledoux (GANIL)	"measurements at NFS"				
9:45 - 10:30	G. Belier (CEA/DAM)	"Integral measurement of 235U isomeric excitation by neutron inelastic scattering - (n,xn) reaction cross section measurement on actinides with Carmen @ NFS"				
10:30 - 11:00	break					
11:00 - 11:45	F.Gunsing (CEA/Irfu)	"Minor actinide reaction cross sections at n_TOF at CERN"				
11:45 - 12:30						
12:30 - 14:00	lunch					
	S.Hilaire (CEA/DAM)	"Things we have (maybe) not talked about !"				
14:45 - 15:30	Discussion					
15:30 - 16:15						
16:15 - 17:00						