
PANDJ2-2
Perspectives on Nuclear Data for the Next Decade
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Program

Tuesday, October 14th

9:15-9:45		**Registration & Welcome**
Chairperson	***A.J. Koning***	
9:45-10:15	**A. Plompen**	Why do we still need nuclear data?
10:15-10:45	**S. Chiba**	Perspectives of research and education in nuclear data after Fukushima
10:45-11:00		**Coffee break**
Chairperson	***T. Kawano***	
11:00-11:30	**T. Duguet**	Potential interplay between ab-initio and energy density functional approaches
11:30-12:00	**G. Colin de Verdière**	Computing element evolution and its impact on simulation codes
12:00-12:30	**R. Capote**	Nuclear data evaluation challenges
12:30-14:30		**Lunch break**
Chairperson	***J. Escher***	
14:30-15:00	**T. Kawano**	Challenges beyond Hauser-Feshbach for nuclear reactions modeling
15:00-15:30	**G. Blanchon**	Microscopic potential with Gogny interaction
15:30-16:00	**P. Chau**	Deuteron induced reactions within the CDCC formalism: from differential cross sections to excitation function?
16:00-16:15		**Coffee break**
Chairperson	***R. Capote***	
16:15-16:45	**M. Kerveno**	(n,xnγ) cross sections: relevant tests for nuclear reaction codes?
16:45-17:15	**M. Dupuis**	Connecting structure and direct reactions modeling
17:15-17:45	**J. Escher**	Surrogate reactions: status and prospects
17:45-18:15	**P. Romain**	The inverse problem: would it be possible?

Wednesday, October 15th

Chairperson	***S. Goriely***	
9:15-9:45	**D. Lunney**	Mass determinations for nuclear and astrophysics
9:45-10:15	**N. Schunck**	Quantifying uncertainties in nuclear density functional theory
10:15-10:45	**M. Guttormsen**	Nuclear level densities from an experimental point of view
10:45-11:00		**Coffee break + Workshop photo**
Chairperson	***T. Duguet***	
11:00-11:30	**Y. Alhassid**	The shell model Monte Carlo approach to level densities: recent developments and perspectives
11:30-12:00	**S. Goriely**	Towards more accurate and reliable predictions for nuclear (astrophysics) applications
12:00-13:30		**Lunch break**
13:30-14:30		**CURIE visit**
Chairperson	***N. Dubray***	
14:30-15:00	**P. Möller**	Modeling odd-even staggering in fission fragment yields in the Brownian shape-motion approach: current results and prospects
15:00-15:30	**J-F. Martin**	SOFIA Fission studies at GSI
15:30-16:00	**F. Farget**	Transfer-induced fission in inverse kinematics : impact on experimental and evaluated nuclear data bases
16:00-16:15		**Coffee break**
Chairperson	***S. Oberstedt***	
16:15-16:45	**N. Dubray**	Self-consistent adiabatic description of the fission: automatic production of class-II PES
16:45-17:15	**F. Tovesson**	Fission studies with TPC and SPIDER: current status and future directions
17:15-17:45	**K-H. Schmidt**	Revealing hidden regularities with a general approach to fission
17:45-18:15	**S. Panebianco**	The SPY model: how a microscopic description of the nucleus can shed some light on fission

Thursday, October 16th

Chairperson	*F. Farget*	
9:15-9:45	**O. Litaize**	Modeling fission in FIFRELIN
9:45-10:15	**S. Oberstedt**	Future research program on prompt γ-ray emission in nuclear fission
10:15-10:45	**H. Goutte**	Single-particle degrees of freedom in fission
10:45-11:00		**Coffee break**
Chairperson	*O. Roig*	
11:00-11:30	**X. Ledoux**	Neutron facilities
11:30-12:00	**M. Jandel**	Capture and fission with DANCE and NEUANCE
12:00-12:30	**A. Kimura**	Current activities and future plans for nuclear data measurements at J-PARC
12:30-14:30		**Lunch break**
Chairperson	*E. Bauge*	
14:30-15:00	**C. De Saint Jean**	From low to high energy nuclear data evaluations Issues and perspectives on nuclear reaction models and covariances
15:00-15:30	**P. Talou**	Uncertainties and correlations in nuclear fission data: the role of models and experiments
15:30-16:00	**D. Rochman**	The truth about TENDL
16:00-16:15		**Coffee break**
Chairperson	*P. Dossantos-Uzarralde*	
16:15-16:45	**J-C. Sublet**	Processing: the end of an era?
16:45-17:15	**C. Mattoon**	Designing a new format for storing nuclear data
17:15-17:45	**F. Gaudier**	Uncertainties propagation with URANIE
17:45-18:15	**M. Chadwick**	Nuclear science opportunities at LANSCE/Lujan center
19:30-???		**Conference diner**

Friday, October 17th

Chairperson	*A. Plompen*	
9:15-9:45	**R.C. Haight**	Perspectives on measurements of prompt fission neutron spectra for fission induced by fast neutrons
9:45-10:15	**F. Michel-Sendis**	Activities and challenges related to nuclear data at NEA
10:15-10:45	**A. Koning**	From nuclear data to nuclear reactors Looping over nuclear science
10:45-11:00		**Coffee break**

Chairperson	*L. Véron*	
11:00-11:30	**D-M. Filipescu**	Photonuclear reactions at Extreme Light Infrastructure - Nuclear Physics (ELI-NP)
11:30-12:00	**N. Gharibyan**	Radiochemical measurements of neutron capture and isomeric data at the NIF
12:00-12:30		**Conclusions**
12:30-14:30		**End of the Workshop**