



Online Workshop

May 10-12, 2021

Program of the workshop

The title of some of the presentations is not final

May 10th

I. Experimental program overview:

Chair: Isabelle Deloncle

13h55	Welcome	(5")	I. Deloncle
14h00	New JEDI project: status and perspectives	(35"+10")	B. Bastin

II. X boson ? Theoretical aspects

Chair: Alain Coc

14h45	Dark Sector theory and possible X boson properties	(35"+10")	M. Pospelov
15h30	(e-)Coffee break	(20")	
16h20	Additional questions*		

May 11th

III. Nuclear physics and astrophysics

Chair: Fairouz Hammache

14h30	Exceptional points: the nuclear physics perspective	(30"+10")	M. Płoszajczak
15h10	Angular distributions studies in ${}^8\text{Be}$: eXe	(20"+10")	J. Kiener
15h40	(e-)Coffee break	(20")	
16h00	Ab initio calculations of ${}^7\text{Li}+p$ scattering and radiative capture	(20"+10")	P. Gysbers
16h30	Additional questions*		

May 12th

IV. Satellite Session : Dark matter

Chair: M. Pospelov

14h00	The vector and axial couplings of a new light gauge boson U	(30"+10")	P. Fayet
14h40	Light dark matter constraints to cosmological models	(20"+10")	J. Lavallo
15h10	(e-)Coffee break	(20")	

V. Complement of Session II

15h30	Possible Explanations of the Electron Positron Anomaly at 17 MeV in ^8Be transitions	(30+10")	U. Ellwanger
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VI. Final Session

16h10	General discussion and Summary*	(60")	C. Pitrou and M.Pospelov
17h10	End of the Workshop		

* Short presentations are also welcome