N1	Scientific supervisor	
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Department	Photonics Department	
Laboratory	Laboratory of Cold Atoms near Surfaces	
Group webpage		
Proposed research to Design and test	topic ting of components for the UJ HYADES space	e mission
Short description (<	1000 characters)	
elements of a teles dedicated satellite. I Solar System in orde unknown reservoirs The aim of the rese filters. In particular, deuterium and mol- medium of the filter Students will have	earch is to find the optimal configuration of hydrogen the aim is to find conditions enabling long-term and e ecular hydrogen into atomic form. These atomic gases	nched into space on a und small bodies of the urch for new, previously and deuterium optical effective dissociation of s act as the absorption vacuum equipment and
	ssion: <u>https://www.hyades.oa.uj.edu.pl/pl/aktualnosci/</u>	
Web page of the mis	ssion: <u>https://www.hyades.oa.uj.edu.pl/pl/aktualnosci/</u>	
<b>Main research tool</b> Vacuum systems, op	otical elements.	
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Main research tool Vacuum systems, op Additional requirem - interest in an expe Possibility to contin	otical elements. nents to the candidate rimental work	X