

Subject card

Subject name and code	MA seminar, PG_00158975						
Field of study	Quantum Information Technology						
Date of commencement of studies	October 2024		Academic year of realisation of subject		2025/2026		
Education level	Master's studies		Subject group		Obligatory subject group in the field of study		
Mode of study	full-time studies		Mode of delivery		at the university		
Year of study	2		Language of instruction		English		
Semester of study	4		ECTS credits		2.0		
Learning profile	academic		Assessment form				
Conducting unit	Faculty of Mathematics, Physics and Informatics -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Pedro Ruas Dieguez				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	30.0	0.0	0.0	0.0	30
	E-learning hours included: 0.0						
Learning activity and number of study hours	Learning activity	Participation in didactic classes included in study plan		Participation in consultation hours		Self-study	SUM
	Number of study hours	30		0.0		15.0	45
Subject objectives	The subject is aimed to be a journal club, during which the students present and discuss articles related to their scientific interests and projects, as well as those from a broader spectrum of science, suggested by the teacher.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[QITL3_W08] has basic knowledge of legal and ethical conditions related to scientific and teaching activities		Students are aware about ethics and regulations regarding paper authorship, conflicting interests, review process, acknowledgements and declarations of contribution.		[SW1] oral statement/conversation/discussion [SW2] presentation/project/paper/report		
	[QITL3_U02] has the skills to plan and conduct basic and advanced research and calculations in the area of quantum information theory or its applications		Students can search efficiently for literature sources and can follow reasoning and proofs in scientific publications regarding physics and quantum information.		[SU1] oral statement/conversation/discussion [SU2] presentation/project/paper/report		
	[QITL3_U06] is able to adapt to related scientific disciplines the knowledge and theoretical methods and methodology of physics		Students can identify and assess rigourity of scientific method application in research papers		[SU1] oral statement/conversation/discussion [SU2] presentation/project/paper/report		
Subject contents	Journal Club.						
Prerequisites and co-requisites							
Assessment methods and criteria	Subject passing criteria		Passing threshold		Percentage of the final grade		
	presentation of scientific papers		51.0%		80.0%		
	active participation in the journal club		51.0%		20.0%		
Recommended reading	Basic literature		None.				
	Supplementary literature		None.				

	eResources addresses	Podstawowe https://www.arxiv.org - base of articles in physics and quantum information https://www.nature.com - base of general-science articles Adresy na platformie eNauczanie:
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	

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