

UNIVERSITA' DEGLI STUDI DI MILANO
PUBLIC SELECTION FOR THE ADMISSION TO PH.D SCHOOLS - ACADEMIC YEAR 2023/2024
PH.D SCHOOL IN PHYSICS, ASTROPHYSICS AND APPLIED PHYSICS - XXXIX CYCLE
Evaluation of the candidates documents and interviews schedule

¹ to be admitted to interview, candidates must obtain a minimum of 10 points in the curriculum and a minimum of 5 points in the research project.

surname	name	curriculum evaluation ¹	Project evaluation	total score	outcome (admitted / not admitted / excluded *)	project title	date of interview	interview timing (Italy time zone)	on-site or on-line
ABBAS	AKBAR	11,1	2,0	13,1	not admitted to oral exam	-	-	-	-
ABDELRAHMAN ASSADIG ELAMEN	ASHRAF	15,5	6,5	22,0	admitted to oral exam	Structure, thermodynamics and conductivity in Multi-component ABO ₄ -type Oxides.	14/09/2023	10:45 am-1:15 pm	on-line
ABDUL SHAKOOR	SABA	11,5	-	11,5	not admitted to oral exam	-	-	-	-
ABDULLAH	MR	13,6	6,0	19,6	admitted to oral exam	Study and Design of 2D Magnetic van der Waal Materials heterojunction for the application of Spintronic Devices through ab initio computational techniques.	14/09/2023	10:45 am-1:15 pm	on-line
AFIFY	ANDREA	17,4	8,0	25,4	admitted to oral exam	A deep learning approach for event reconstruction in the LHCb experiment.	14/09/2023	8:45 am-11:00 am	on-site
AFZAL	MAAZ	16,0	-	16,0	not admitted to oral exam	Computational Design of Environmentally-Friendly Super plasticizers for Sustainable Ceramic Manufacturing.	-	-	-
ALI	ABBAS	13,0	2,3	15,3	not admitted to oral exam	Integration of Materials and Micro/Nano-Devices for Advanced Applications.	-	-	-
ALI	NUMAN	8,5	-	8,5	not admitted to oral exam	-	-	-	-
ALI	SAJID	11,3	4,1	15,4	not admitted to oral exam	Thermoelectrical Properties of Semiconductor and Metallic Nanoalloy Bilayer (BL) Borophene Synthesized on the Cu (1 1 1) Substrate.	-	-	-
AMINI	MARYAM	14,0	4,5	18,5	not admitted to oral exam	Electronic Friction.	-	-	-
AMIR	MUHAMMAD	9,8	2,0	11,8	not admitted to oral exam	The In-vitro study of photosensitizer loaded Pegylated Eu-doped Zirconia nanoparticles for cancer therapy.	-	-	-
ATHANASIADIS	GEORGIOS	13,0	-	13,0	not admitted to oral exam	-	-	-	-
AWULACHEW	SHINIE	20,0	7,0	27,0	admitted to oral exam	First Principle Study of Electrochemical Reduction of CO ₂ Over Cu ₁ -X/M _x (M= Pd, Ag, Au) Catalyst Surface Alloys.	14/09/2023	10:45 am-1:15 pm	on-line

BONANOMI	LAURA	15,0	7,5	22,5	admitted to oral exam	Advanced applications of differential dynamic microscopy to biomolecules: sizing, aggregation detection and characterization of molecular interactions.	14/09/2023	8:45 am-11:00 am	on-site
BORHANI	NAJIBEH	14,0	6,0	20,0	admitted to oral exam	GW echoes from exotic objects.	14/09/2023	1:45 pm-4:15 pm	on-line
BRAMBILLA	RICCARDO	15,2	7,5	22,7	admitted to oral exam	Sviluppo di una nuova generazione di rivelatori per la ricerca diretta di materia oscura.	14/09/2023	8:45 am-11:00 am	on-site
BUX	SAIN	11,5	2,0	13,5	not admitted to oral exam	Green Chemistry Goes Nano for Sustainable Future.	-	-	-
CASTELLARI	GABRIELE	15,5	6,0	21,5	admitted to oral exam	Molecule Sizing from Differential Dynamics.	15/09/2023	8:45 am-11:30 am	on-site
CONTU	SIMONE	11,0	6,0	17,0	admitted to oral exam	On Stability of Supergravity Vacua.	15/09/2023	8:45 am-11:30 am	on-site
DI STEFANO	SIMONA	16,5	7,5	24,0	admitted to oral exam	Unveiling the origins of Omega Centauri.	15/09/2023	8:45 am-11:30 am	on-site
ELYASI	SEYED NAVID	15,4	9,0	24,4	admitted to oral exam	Simulating an open quantum battery using IBM quantum computers.	14/09/2023	1:45 pm-4:15 pm	on-line
FAROOQ	YASIR	15,6	2,0	17,6	not admitted to oral exam	Computational Investigation of Radiation Shielding/ Sensing Properties of Nano Structures.	-	-	-
FINGER BASSO	LETICIA	17,3	8,5	25,8	admitted to oral exam	Addressing the Toxicity of Ag Nanoparticles: Molecular Dynamics with a Machine-Learned Force Field.	14/09/2023	1:45 pm-4:15 pm	on-line
FONZO	FRANCESCA	15,0	4,0	19,0	not admitted to oral exam	Verso l'origine delle galassie.	-	-	-
GANGULY	ANKITA	10,9	7,5	18,4	admitted to oral exam	Detection of organic tissue discriminator using different optical approach in VIS-NIR range.	14/09/2023	1:45 pm-4:15 pm	on-line
GANIE	SUHAIL	12,5	2,0	14,5	not admitted to oral exam	Title: Investigating Quantum Dynamics in Sliding Nanocontacts: A Theoretical Approach to Frictional Dissipation at Micro/Nanoscales.	-	-	-
GILANI	SHAZMA	11,0	2,0	13,0	not admitted to oral exam	Electronic friction.	-	-	-
IAQUINTA	CLARA	16,5	8,0	24,5	admitted to oral exam	Catalysts for clean hydrogen production via water splitting.	15/09/2023	8:45 am-11:30 am	on-site
KHAN	ABBAS	18,2	4,0	22,2	not admitted to oral exam	Formation and Thermal Properties of Black Holes.	-	-	-
KHEIRI	RASOUL	16,5	2,0	18,5	not admitted to oral exam	Electronic Friction.	-	-	-
LUPPI	PAOLO	15,4	7,3	22,7	admitted to oral exam	Non-Markovian Dynamics and Multi-Time Statistics in Quantum Stochastic Processes.	15/09/2023	8:45 am-11:30 am	on-site
MATHYAS	AMAL	10,0	-	10,0	not admitted to oral exam	-	-	-	-
MESSA	MARCO MARIA	12,4	8,5	20,9	admitted to oral exam	Multiwavelength studies of binary millisecond pulsars.	12/09/2023	3:30 pm-6:00 pm	on-site
MORETTI	TOMMASO	15,0	4,0	19,0	not admitted to oral exam	Investigating Cosmological Parity Violation.	-	-	-
NAEEM	FAISAL	10,0	7,5	17,5	admitted to oral exam	Structural, Electronic and Thermoelectric Properties of MgY(Y=S, Se, Te) by means of Density Functional Theory.	12/09/2023	10:45 am-1:15 pm	on-line
NIGRO	LUCA	15,3	8,0	23,3	admitted to oral exam	Variational quantum algorithms for applications in quantum chemistry.	12/09/2023	8:45 am-11:00 am	on-site

R	JISHNU	12,2	-	12,2	not admitted to oral exam	Developing a robust model for market with more than 2 asset using order book.	-	-	-
RADICE	STEFANO	12,0	9,0	21,0	admitted to oral exam	Bad Metals: Investigating the Electronic Transport Mechanisms in Nanogranular Metallic Systems.	12/09/2023	8:45 am-11:00 am	on-site
RIPAMONTI	DAVIDE	13,3	9,0	22,3	admitted to oral exam	I Biofilm sono la nuova frontiera nella Fisica dei materiali? La rivoluzione in campo sperimentale.	12/09/2023	8:45 am-11:00 am	on-site
ROSSO	ALESSANDRO	15,6	2,0	17,6	not admitted to oral exam	SENZA TITOLO	-	-	-
SANTANGELO	CONCETTA	16,7	7,5	24,2	admitted to oral exam	Development of radiochromic Fricke Gels with enhanced sensitivity and stability for 3D dosimetry in X-ray radiotherapy and diagnostics.	12/09/2023	8:45 am-11:00 am	on-site
SHAH	VARUN	10,0	6,5	16,5	admitted to oral exam	Timing Based Spin and Mass Measurements of Neutron Star X-Ray Binaries: Applying the Relativistic Precession Model.	12/09/2023	10:45 am-1:15 pm	on-line
SHAHZADI	MEHVISH	13,6	6,5	20,1	admitted to oral exam	Investigating Open Quantum Systems and Quantum Technology Physics for Advancements in Quantum Computing.	12/09/2023	10:45 am-1:15 pm	on-line
SHARGHI	AMIR	10,1	6,0	16,1	admitted to oral exam	Experimental Study of XFe3O4 nanostructures to unraveling their thermal therapeutic potentials for magnetic hyperthermia.	12/09/2023	10:45 am-1:15 pm	on-line
SHERAZ	MUHAMMAD	8,6	1,0	9,6	not admitted to oral exam	-	-	-	-
SRIVASTAVA	AYUSHMAN	13,6	7,6	21,2	admitted to oral exam	Bell inequality with continuous variables.	12/09/2023	1:45 pm-4:15 pm	on-line
SULAIMAN	NURA MUHAMMAD	9,1	4,0	13,1	not admitted to oral exam	Solvents effects on the Electronic, Non-linear Optical & Thermodynamic Properties of Perylene Based on Density Functional Theory.	-	-	-
TANVEER	MUHAMMAD SOHAIB	14,6	6,4	21,0	admitted to oral exam	Study on electronic, phonon and optical response properties of new two-dimensional materials: from bulk to quantum transport in devices.	12/09/2023	1:45 pm-4:15 pm	on-line
TONIPE	ANURADHA	13,6	7,1	20,7	admitted to oral exam	Exploring Quantum Information Processing with Integrated Optical Waveguide Arrays.	12/09/2023	1:45 pm-4:15 pm	on-line
TRABATTONI	VALERIA	15,6	9,0	24,6	admitted to oral exam	Sviluppo di un ASIC di front-end per lettura di rivelatori a temperatura criogenica.	12/09/2023	3:30 pm-6:00 pm	on-site
UL HAQ	SIRAJ	10,6	7,5	18,1	admitted to oral exam	Atomistic simulation of the rare earth free/rare earth lean Fe-based alloy magnets using first principle calculations.	14/09/2023	10:45 am-1:15 pm	on-line
ULLAH	ZAKIR	10,1	-	10,1	not admitted to oral exam	-	-	-	-
UMAR DRAZ	NAFEES	12,6	4,0	16,6	not admitted to oral exam	Metal oxides based photocatalysts for energy conversion.	-	-	-
VEJDANIHEMMAT	MEHDI	10,6	-	10,6	not admitted to oral exam	-	-	-	-
YOHANNA BARO	JACOB	15,0	5,8	20,8	admitted to oral exam	Investigating the Quantum Dynamics of Sliding Nanocontact for Characterizing Channels of Frictional Dissipation.	12/09/2023	1:45 pm-4:15 pm	on-line
ZAMROOD	TAWQEER	12,0	-	12,0	not admitted to oral exam	DFT study of electronic, magnetic and half-metallic properties of CaO and SrO doped with transition metal Nb.	-	-	-
ZAPELLI	LUCA	15,4	8,0	23,4	admitted to oral exam	Implementing frequency and detector noise correlations in component separation analyses for Cosmic Microwave Background experiments.	12/09/2023	3:30 pm-6:00 pm	on-site
ZENTILINI	PAOLO	15,6	9,0	24,6	admitted to oral exam	Achieving quantum advantage by recasting graph neural network into quantum computers.	12/09/2023	3:30 pm-6:00 pm	on-site
ZINZANI	SOFIA	17,2	9,0	26,2	admitted to oral exam	Thermoelectrical properties of assembled nanomaterials.	14/09/2023	8:45 am-11:00 am	on-site

The ON-SITE interviews will take place at Aula Dottorato (AD) at Physics Department, Via Celoria 16-Milano

The ON-LINE interviews will take place on the platform ZOOM by the link <https://zoom.us/my/aula.dottorato> or via the APP ZOOM with ID aula.dottorato. The password will be sent via email.

The Interviews Guidelines are available on the web page <http://phd.fisica.unimi.it/admission/selection/>. All information and results of the oral exams will be available on the same web page

NON-EU Candidates having (serious) problems with the date of interview are requested to communicate it before 8th Sept to phd@fisica.unimi.it

ALL CANDIDATES WILL HAVE TO SHOW THEIR ID DOCUMENT INSERTED IN THE APPLICATION