

## CANDIDATES' MERIT RANKING

### CALL FOR APPLICATIONS FOR ADMISSION TO THE

**International Doctoral Programme in Science - Research in "Time-resolved optical microscopy techniques to characterize 2D transition metal dichalcogenides; Coherent control of electronic dynamics in layered quantum materials; Supersonic cluster beam synthesis of innovative transition metal oxides photoelectrodes for hydrogen production; Study of a real time inspection system based on infrared and THz to be combined with a multi-energy X-ray inspection system for food and automotive applications; Biomolecule mapping and identification via optical microscopy technique "**

*(Call for applications for admission to the International PhD in Science at Università Cattolica del Sacro Cuore – XXXVIII Cycle – Brescia campus issued by Rector Decree n. 8833, of June 28th, 2022 and published in "Gazzetta Ufficiale" of the Republic of Italy - 4<sup>a</sup> Serie speciale - n. 58 of July 22nd, 2022)*

Academic year: 2022/2023	Cycle: XXXVIII	Total no. of positions: <b>five with scholarship</b>
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Upon completion of the interview and having examined the previous documents of the Call for Applications, the Committee draws up the candidates' merit ranking based on the points awarded as follows:

Scholarship on «Time-resolved optical microscopy techniques to characterize 2D transition metal dichalcogenides»:

1	Mr/Ms __ Lishin Thottathi____	<b>69 / 100</b>	Scholarship-based position
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Scholarship on «Coherent control of electronic dynamics in layered quantum materials»:

1	Mr/Ms __Alessia Valzelli_____	<b>80 / 100</b>	Scholarship-based position
2	Mr/Ms __Mohammadjavad Azarm__	<b>60 / 100</b>	Eligible

Scholarship on «Supersonic cluster beam synthesis of innovative transition metal oxides photoelectrodes for hydrogen production (CUPJ53C22001850001)»:

1	Mr/Ms __Skexho Osmani_____	<b>81 / 100</b>	Scholarship-based position
2	Mr/Ms __Ahmad Mohamed __	<b>71 / 100</b>	Eligible
3	Mr/Ms __ Anastasiya Kurlevskaya _____	<b>64 / 100</b>	Eligible

Scholarship on «Study of a real time inspection system based on infrared and THz to be combined with a multi-energy X-ray inspection system for food and automotive applications (CUP J53C22002030001)»:

1	Mr/Ms _Rizwan Asif_	<b>69 / 100</b>	Scholarship-based position
2	Mr/Ms _Muhammadumar Riaz____	<b>65 / 100</b>	Eligible

Scholarship on «Biomolecule mapping and identification via optical microscopy technique (CUP J53C22002030001)»:

1	Mr/Ms _Ekaterina Bestsennaia_	<b>75 / 100</b>	Scholarship-based position
2	Mr/Ms _Meisam Sadeghpourkarimi_	<b>70 / 100</b>	Eligible
3	Mr/Ms ___Farzane Talaeeshoar____	<b>67 / 100</b>	Eligible

Brescia, 19/09/2022

Committee Chairperson

