



Ranking List for the PhD program in  
**Chemical Engineering**  
39<sup>th</sup> Cycle  
Second session

Total number of ordinary positions available in second session: 18

Total number of positions reserved to boursaries of Governments or by national or foreign public bodies, available in second session: 0

Summary tab of scholarships available in second session:

2	University scholarships	Scholarships withown research topic
1	DISAT - Kinetic analysis and reactor modeling of aqueous phase reforming fro the production of renewable hydrogen	Scholarship with predefined research topic
1	DISAT - Water-based production of high energy lithium-ion cells	Scholarship with predefined research topic
1	FBK - Development and validation of multiphysics-multiscale models and digital twins for redox flow batteries	Scholarship with predefined research topic
1	MUR DM 117/Probiotical - Emerging technologies for the continuous manufacturing of probiotic strains for the prevention of complex diseases	Scholarship with predefined research topic
1	MUR DM 117/Solvay - Next-generation of membranes for PEMEL and AEMEL electrolysis	Scholarship with predefined research topic
1	MUR DM 117/Stellantis - Analysis of green and critical raw materials for automotive components	Scholarship with predefined research topic
1	MUR DM 117/Stellantis - Experimental and PxD modelling study of sulphur cathode and metallic Li protection for LiS cells	Scholarship with predefined research topic
1	MUR DM 117/Technip - Assessment of CO2 capture and conversion routes to valuable products in different applicative sectors	Scholarship with predefined research topic
1	MUR DM 118 - Artificial intelligence for accident and indident data analysis for the benefit of prevention at the workplace	Scholarship with predefined research topic
1	MUR DM 118 - Development of innovative Antimicrobial bionanocomposites from natural macromolecules for the wounds treatment	Scholarship with predefined research topic
1	MUR DM 118 - In-operando spectroscopic analyzes and modeling tools applied to oxidation catalysts in the environmental field	Scholarship with predefined research topic
1	MUR DM 118 - Lyophilization of biological liquids for preclinical testing in the treatment of rare diseases	Scholarship with predefined research topic
1	MUR DM 118 - Nanoparticelle e modelli cellulari 3D e loro modellazione per lo studio di terapie avanzate di nanomedicina	Scholarship with predefined research topic
1	MUR DM 118 - Strumenti digitali e corrispettivi biologici per la diagnosi e terapia avanzate nell'ambito della nanomedicina	Scholarship with predefined research topic
1	PNRR - Direct electrocatalytic conversion of CO2 from flue gases to value-added products	Scholarship with predefined research topic

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1	PNRR Ammin/Vortex - Valorization of agri-food waste by-products for innovative products in cosmetics, nutraceuticals, food, and green chemistry	Scholarship with predefined research topic
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Number of positions without scholarship available for the second session: 0

### SHORTLISTED CANDIDATES

User	Score	Eligibility to scholarship with predefined research topic	Waiving right to scholarship	Allocated scholarship	Notes
F529893	87	--	--	University scholarship	Conditional admission *
F375170	83	--	--	University scholarship	---
F341021	82	MUR DM 117/Stellantis - Experimental and PxD modelling study of sulphur cathode and metallic Li protection for LiS cells	--	MUR DM 117/Stellantis - Experimental and PxD modelling study of sulphur cathode and metallic Li protection for LiS cells	---
F374440	80	MUR DM 117/Stellantis - Analysis of green and critical raw materials for automotive components	--	MUR DM 117/Stellantis - Analysis of green and critical raw materials for automotive components	---
F412261	79	MUR DM 117/Probiotal - Emerging technologies for the continuous manufacturing of probiotic strains for the prevention of complex diseases	--	MUR DM 117/Probiotal - Emerging technologies for the continuous manufacturing of probiotic strains for the prevention of complex diseases	Conditional admission *
F504704	77	DISAT - Kinetic analysis and reactor modeling of aqueous phase reforming fro the production of renewable hydrogen	--	DISAT - Kinetic analysis and reactor modeling of aqueous phase reforming fro the production of renewable hydrogen	Younger applicant prevails Conditional admission *
F499143	77	MUR DM 118 - Nanoparticelle e modelli cellulari 3D e loro modellazione per lo studio di terapie avanzate di nanomedicina  MUR DM 118 - Strumenti digitali e corrispettivi biologici per la diagnosi e terapia avanzate nell'ambito della nanomedicina	--	MUR DM 118 - Nanoparticelle e modelli cellulari 3D e loro modellazione per lo studio di terapie avanzate di nanomedicina	Younger applicant prevails Conditional admission *



User	Score	Eligibility to scholarship with predefined research topic	Waiving right to scholarship	Allocated scholarship	Notes
F532618	77	PNRR Ammin/Vortex - Valorization of agri-food waste by-products for innovative products in cosmetics, nutraceuticals, food, and green chemistry	--	PNRR Ammin/Vortex - Valorization of agri-food waste by-products for innovative products in cosmetics, nutraceuticals, food, and green chemistry	---
F530035	76	PNRR - Direct electrocatalytic conversion of CO2 from flue gases to value-added products  MUR DM 117/Technip - Assessment of CO2 capture and conversion routes to valuable products in different applicative sectors	--	PNRR - Direct electrocatalytic conversion of CO2 from flue gases to value-added products	Conditional admission *
F529889	75	MUR DM 118 - In-operando spectroscopic analyzes and modeling tools applied to oxidation catalysts in the environmental field	--	MUR DM 118 - In-operando spectroscopic analyzes and modeling tools applied to oxidation catalysts in the environmental field	Younger applicant prevails  Conditional admission *
F478292	75	MUR DM 118 - Development of innovative Antimicrobial bionanocomposites from natural macromolecules for the wounds treatment	--	MUR DM 118 - Development of innovative Antimicrobial bionanocomposites from natural macromolecules for the wounds treatment	---
F531932	74	MUR DM 117/Solvay - Next-generation of membranes for PEMEL and AEMEL electrolysis	--	MUR DM 117/Solvay - Next-generation of membranes for PEMEL and AEMEL electrolysis	---
	71	MUR DM 118 - Lyophilization of biological liquids for preclinical testing in the treatment of rare diseases	--	MUR DM 118 - Lyophilization of biological liquids for preclinical testing in the treatment of rare diseases	Younger applicant prevails  Conditional admission *
F270239	71	PNRR - Direct electrocatalytic conversion of CO2 from flue gases to value-added products  MUR DM 117/Technip - Assessment of CO2 capture and conversion routes to valuable products in different applicative sectors	--	MUR DM 117/Technip - Assessment of CO2 capture and conversion routes to valuable products in different applicative sectors	---

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User	Score	Eligibility to scholarship with predefined research topic	Waiving right to scholarship	Allocated scholarship	Notes
F530096	70	MUR DM 118 - Nanoparticelle e modelli cellulari 3D e loro modellazione per lo studio di terapie avanzate di nanomedicina  MUR DM 118 - Strumenti digitali e corrispettivi biologici per la diagnosi e terapia avanzate nell'ambito della nanomedicina	--	MUR DM 118 - Strumenti digitali e corrispettivi biologici per la diagnosi e terapia avanzate nell'ambito della nanomedicina	Conditional admission *

Candidates selected for a position, who have already met all admission requirements (see art. 6, paragraph 1 of the call for applications) as of 30<sup>th</sup> September 2023, must enroll online through the Apply procedure **from 2<sup>nd</sup> October 2023 to 8<sup>th</sup> October 2023** and must make identification at the Ph.D. Unit from **9<sup>th</sup> October to 20<sup>th</sup> October 2023**.

Candidates selected for a position, who meet all the admission requirements (see art. 6, paragraph 1 of the call for applications) on 31<sup>st</sup> October 2023, must enroll online through the Apply procedure **from 2<sup>nd</sup> November 2023 to 8<sup>th</sup> November 2023** and must make identification at the Ph.D. Unit from **9<sup>th</sup> November to 15<sup>th</sup> November 2023**.

Applicants admitted to a Ph.D. programme with a scholarship pursuant to **Ministerial Decree no. 117** and **Ministerial Decree no. 118** are required to enrol according to the deadlines that will be communicated by the Ph.D. Unit directly to the interested, in order to fulfil the obligations provided by the above-mentioned Decrees.

## ELIGIBLE CANDIDATES

No candidate

### Description of Notes field:

\* Conditional admission: because the Master Degree is not yet acquired. The eventual enrollment to a PhD program could take place only if the Master Degree is achieved within **31<sup>st</sup> October 2023**. The failure of achievement by the deadline would result in the irrevocable loss of the right to enroll.

Torino, 14/09/2023