Politecnico di Torino

Decreto Rettorale n. 1019/2022 del 30/09/2022

Approvazione atti concorso ammissione al
Dottorato di ricerca nazionale in Materiali, Processi Sostenibili e Sistemi per la transizione energetica (XXXVIII ciclo)

IL RETTORE

- Vista la Legge 3 luglio 1998, n. 210, con particolare riferimento all'art. 4 e s.m.i.;
- VISTO il Decreto Ministeriale 14 dicembre 2021, n. 226;
- Visto il D.R. n. 789 del 28 luglio 2022 con cui è stato bandito il concorso per l'ammissione ai corsi di Dottorato di ricerca nazionale in Materiali, Processi Sostenibili e Sistemi per la transizione energetica (XXXVIII Ciclo) con sede amministrativa presso il Politecnico di Torino (XXXVIII Ciclo);
- Considerato che l'art. 3 del bando di concorso prevede solo posti con borsa a tematica vincolata;
- Visto il D.R. n. 794 del 29 luglio 2022 con cui è stata nominata la Commissione Giudicatrice del concorso per l'ammissione al Dottorato di ricerca nazionale in Materiali, Processi Sostenibili e Sistemi per la transizione energetica (XXXVIII Ciclo);
- Visti gli atti relativi al concorso del Dottorato di Ricerca nazionale in Materiali, Processi Sostenibili e Sistemi per la transizione energetica (XXXVIII Ciclo) formulati dalla Commissione Giudicatrice;
- Riconosciuta la regolarità del procedimento concorsuale e dei relativi atti;

DECRETA

Art. 1

di approvare gli atti del concorso e la graduatoria per l'ammissione al Dottorato di Ricerca nazionale in Materiali, Processi Sostenibili e Sistemi per la transizione energetica (XXXVIII Ciclo) per la copertura dei seguenti posti:

Totale posti disponibili: 32

Borse di studio disponibili: 32

1	2D thermoelectric materials for wearable electronic	Borsa vincolata
1	2D-3D nano-heterostructures for energy conversion and storage	Borsa vincolata
1	ADVANCED and IN-OPERANDO characterization of catalysts for key reactions (CO2RR, CORR, HER, OER, ORR) in the energetic transition	Borsa vincolata
1	Advanced hybrid and organic materials for redox flow battery application (RFB)	Borsa vincolata
1	Advanced methodologies for the analysis of the satellite-based measurements of land movements.	Borsa vincolata
1	Advanced nanostructured polymer coatings with tailored morphology and enhanced multifuctional properties (ADCOAT)	Borsa vincolata
1	Biochemical processes for green fuels	Borsa vincolata

1	CO2 and Hydrogen flow in underground porous media	Borsa vincolata
1	DM 351 PA - Characterization of shale cap-rock formations for gas storage activities	Borsa vincolata
1	DM 351 PNRR - Green processes for Industrial Productions and cost-effective effluents valorization	Borsa vincolata
1	DM 351 digital transitions - Smart Devices for Energetic, Biomedical and Environmental Applications	Borsa vincolata
1	DM 351PNRR-Luminescent metal complexes for sustainable processes and polymeric photoactive materials	Borsa vincolata
1	DM 352 - Development of industrial processes of novel lithium batteries in a circular economy	Borsa vincolata
1	DM 352 - PHOTOELECTROCHEMICAL DEVICES BASED ON POLYMERIC MATERIALS	Borsa vincolata
1	DM 352 - Study of polymeric materials for industrial applications in the field of laser welding	Borsa vincolata
1	DM 352 - Study of sustainable materials and processes for energy transmission and storage devices	Borsa vincolata
1	DM 352- Sequestration and utilization of CO2 from combustion process of thermal power plants	Borsa vincolata
1	DM 352/2022 - Electron diffraction and microscopy for the study of advanced materials for energy transition	Borsa vincolata
1	DM352-Comparative determination of environmental impact of technologies for a Sustainable mobility	Borsa vincolata
1	Development of new nanostructures for CO2 reduction into valuable chemicals	Borsa vincolata
1	Development of novel catalysts for e-fuels production	Borsa vincolata
1	Electrocatalysts for key reactions (CO2RR, CORR, HER, OER, ORR) in the energetic transition, and their characterization with advanced technologies	Borsa vincolata
1	Fundamental processes of CO2 reduction with well-defined nanostructures	Borsa vincolata
1	Identification of optimal operation strategies for minimal aging of PEM and PCC electrolyzers	Borsa vincolata
1	Innovative processes for the production of electrochemical energy storage systems	Borsa vincolata
1	Integrated thermo-bio-catalytic processes for biomass and CO2 utilization	Borsa vincolata
1	Li-ion Cell Internal Design, Monitoring & Diagnosis	Borsa vincolata
1	Micro-/nano-fabrication for better metrology for new challenges posed by energy transition	Borsa vincolata
1	Microporous polymer-based proton exchange membranes for electrochemical applications	Borsa vincolata
1	Multiscale characterization of advanced materials and innovative devices for energy transition	Borsa vincolata
1	Photocatalytic CO2 reduction with well-defined nanostructures	Borsa vincolata
1	Sustainable materials&processes for energy storage and CO2-capture exploiting green supercapacitors	Borsa vincolata

Politecnico di Torino

Art. 2

CANDIDATI VINCITORI

User	Nominativo	Punteggio	Idoneità Borse Vincolate	Rinuncia	Assegnato	Note
F487837*	CICCONE BIAGIO	93	DM352-Comparative determination of environmental impact of technologies for a Sustainable mobility Integrated thermo-bio-catalytic processes for biomass and CO2 utilization Development of novel catalysts for e-fuels production	--	Integrated thermo-bio-catalytic processes for biomass and CO2 utilization	*ammesso sotto condizione precede per minore età
F489154*	MARTIN IRENE	93	Electrocatalysts for key reactions (CO2RR, CORR, HER, OER, ORR) in the energetic transition, and their characterization with advanced technologies Development of new nanostructures for CO2 reduction into valuable chemicals Fundamental processes of CO2 reduction with well-defined nanostructures Photocatalytic CO2 reduction with well-defined nanostructures	--	Fundamental processes of CO2 reduction with well-defined nanostructures	*ammesso sotto condizione
F489444*	PREVIATI ELEONORA	92	DM 351PNRR-Luminescent metal complexes for sustainable processes and polymeric photoactive materials DM 351 digital transitions - Smart Devices for Energetic, Biomedical and Environmental Applications DM 352 - PHOTOELECTROCHEMICAL DEVICES BASED ON POLYMERIC MATERIALS	--	DM 351PNRR-Luminescent metal complexes for sustainable processes and polymeric photoactive materials	*ammesso sotto condizione precede per minore età
F486175	RAELI ALICE	92	CO2 and Hydrogen flow in underground porous media	--	CO2 and Hydrogen flow in underground porous media	

User	Nominativo	Punteggio	Idoneità Borse Vincolate	Rinuncia	Assegnato	Note
F473561	BAGHERI MITRA	90	Electrocatalysts for key reactions (CO2RR, CORR, HER, OER, ORR) in the energetic transition, and their characterization with advanced technologies Development of new nanostructures for CO2 reduction into valuable chemicals Fundamental processes of CO2 reduction with well-defined nanostructures Photocatalytic CO2 reduction with well-defined nanostructures	--	Electrocatalysts for key reactions (CO2RR, CORR, HER, OER, ORR) in the energetic transition, and their characterization with advanced technologies	
F490309	AMENTA SERENA	89	DM 351 PNRR - Green processes for Industrial Productions and cost-effective effluents valorization DM 352 - Study of sustainable materials and processes for energy transmission and storage devices DM 352 - PHOTOELECTROCHEMICAL DEVICES BASED ON POLYMERIC MATERIALS	--	DM 352 - PHOTOELECTROCHEMICAL DEVICES BASED ON POLYMERIC MATERIALS	precede per minore età
F490520	LOMBARDI FEDERICO	89	DM 352 - Development of industrial processes of novel lithium batteries in a circular economy DM 351 digital transitions - Smart Devices for Energetic, Biomedical and Environmental Applications Li-ion Cell Internal Design, Monitoring & Diagnosis	--	DM 352 - Development of industrial processes of novel lithium batteries in a circular economy	precede per minore età
F286880	GARCIA NAVARRO ALBERTO MANUEL	89	Advanced methodologies for the analysis of the satellite-based measurements of land movements.	--	Advanced methodologies for the analysis of the satellite-based measurements of land movements.	
F473307*	GHO CECILIA IRENE	88	Electrocatalysts for key reactions (CO2RR, CORR, HER, OER, ORR) in the energetic transition, and their characterization with advanced technologies ADVANCED and IN-OPERANDO characterization of catalysts for key reactions (CO2RR, CORR, HER, OER, ORR) in the energetic transition	--	ADVANCED and IN-OPERANDO characterization of catalysts for key reactions (CO2RR, CORR, HER, OER, ORR) in the energetic transition	*ammesso sotto condizione precede per minore età

User	Nominativo	Punteggio	Idoneità Borse Vincolate	Rinuncia	Assegnato	Note
F433119*	MAZZANTI GAIA	88	Fundamental processes of CO2 reduction with well-defined nanostructures Photocatalytic CO2 reduction with well-defined nanostructures DM 351 PNRR - Green processes for Industrial Productions and cost-effective effluents valorization	--	DM 351 PNRR - Green processes for Industrial Productions and cost-effective effluents valorization	*ammesso sotto condizione precede per minore età
F487884*	CABONA ANNA	88	Development of new nanostructures for CO2 reduction into valuable chemicals Fundamental processes of CO2 reduction with well-defined nanostructures Photocatalytic CO2 reduction with well-defined nanostructures	--	Development of new nanostructures for CO2 reduction into valuable chemicals	*ammesso sotto condizione precede per minore età
F488346	RAHMAN MD MIZANUR	88	DM 352 - Development of industrial processes of novel lithium batteries in a circular economy Identification of optimal operation strategies for minimal aging of PEM and PCC electrolyzers Li-ion Cell Internal Design, Monitoring & Diagnosis Innovative processes for the production of electrochemical energy storage systems	--	Identification of optimal operation strategies for minimal aging of PEM and PCC electrolyzers	precede per minore età
F284981	BENLALAM NACER	88	DM 351 PA - Characterization of shale cap-rock formations for gas storage activities	--	DM 351 PA - Characterization of shale cap-rock formations for gas storage activities	precede per minore età
F378355	MOJTAHEDI SHOAYB	88	DM 352 - Development of industrial processes of novel lithium batteries in a circular economy Li-ion Cell Internal Design, Monitoring & Diagnosis Innovative processes for the production of electrochemical energy storage systems	--	Innovative processes for the production of electrochemical energy storage systems	
F489628	YANG PENGCHENG	87	DM 352 - PHOTOELECTROCHEMICAL DEVICES BASED ON POLYMERIC MATERIALS Advanced nanostructured polymer coatings with tailored morphology and enhanced multifuctional properties (ADCOAT)		Advanced nanostructured polymer coatings with tailored morphology and enhanced multifuctional properties (ADCOAT)	precede per minore età
F489714	MAZZOCCHI ELENA	87	Biochemical processes for green fuels	--	Biochemical processes for green fuels	

User	Nominativo	Punteggio	Idoneità Borse Vincolate	Rinuncia	Assegnato	Note
F490142	GREGUCCI ALESSANDRO	86	DM 352 - Development of industrial processes of novel lithium batteries in a circular economy Li-ion Cell Internal Design, Monitoring & Diagnosis	--	Li-ion Cell Internal Design, Monitoring & Diagnosis	precede per minore età
F489307	YEASMIN LAMYEA	86	Development of new nanostructures for CO2 reduction into valuable chemicals Fundamental processes of CO2 reduction with well-defined nanostructures Photocatalytic CO2 reduction with well-defined nanostructures DM 351 digital transitions - Smart Devices for Energetic, Biomedical and Environmental Applications	--	DM 351 digital transitions - Smart Devices for Energetic, Biomedical and Environmental Applications	precede per minore età
F488228	SCOGNAMIGLIO STEFANO	86	Development of new nanostructures for CO2 reduction into valuable chemicals DM 351 PNRR - Green processes for Industrial Productions and cost-effective effluents valorization Advanced nanostructured polymer coatings with tailored morphology and enhanced multifuctional properties (ADCOAT) Development of novel catalysts for e-fuels production	--	Development of novel catalysts for e-fuels production	precede per minore età
F418938	MARTELLONE SIMONE	86	Sustainable materials&processes for energy storage and CO2-capture exploiting green supercapacitors Fundamental processes of CO2 reduction with well-defined nanostructures Photocatalytic CO2 reduction with well-defined nanostructures DM 352 - Study of sustainable materials and processes for energy transmission and storage devices	--	Sustainable materials&processes for energy storage and CO2-capture exploiting green supercapacitors	
F490059	RIZZO MARTINA	85	Development of new nanostructures for CO2 reduction into valuable chemicals Fundamental processes of CO2 reduction with well-defined nanostructures Photocatalytic CO2 reduction with well-defined nanostructures	--	Photocatalytic CO2 reduction with well-defined nanostructures	precede per minore età

User	Nominativo	Punteggio	Idoneità Borse Vincolate	Rinuncia	Assegnato	Note
F490536	CHONEDAN JOHNSON JAIMON	85	2D thermoelectric materials for wearable electronic 2D-3D nano-heterostructures for energy conversion and storage	--	2D-3D nano-heterostructures for energy conversion and storage	
F487541	BATOOL NADIA	84	Development of new nanostructures for CO2 reduction into valuable chemicals Fundamental processes of CO2 reduction with well-defined nanostructures Photocatalytic CO2 reduction with well-defined nanostructures DM 352/2022 - Electron diffraction and microscopy for the study of advanced materials for energy transition	--	DM 352/2022 - Electron diffraction and microscopy for the study of advanced materials for energy transition	
F490358	SPATHARA MARIA ELENI	82	Development of new nanostructures for CO2 reduction into valuable chemicals DM 351 PNRR - Green processes for Industrial Productions and cost-effective effluents valorization DM352-Comparative determination of environmental impact of technologies for a Sustainable mobility	--	DM352-Comparative determination of environmental impact of technologies for a Sustainable mobility	
F490518	LEZZOCHE ANTONIO	81	DM 352 - Study of polymeric materials for industrial applications in the field of laser welding	--	DM 352 - Study of polymeric materials for industrial applications in the field of laser welding	
F490578	FAROOQ UMAR	80	DM 352 - Study of sustainable materials and processes for energy transmission and storage devices DM 352 - PHOTOELECTROCHEMICAL DEVICES BASED ON POLYMERIC MATERIALS	--	DM 352 - Study of sustainable materials and processes for energy transmission and storage devices	

* Ammissione sotto condizione in quanto il titolo di II livello non risulta ancora acquisito. L'eventuale immatricolazione al dottorato potrà avvenire solo se tale titolo risulterà acquisito secondo i requisiti indicati dall'art. 5 comma 1) del bando di concorso **entro il 31/10/2022**, pena l'irrevocabile perdita del diritto di immatricolazione.

CANDIDATI IDONEI

User	Nominativo	Punteggio	Idoneità Borse Vincolate	Rinuncia	Assegnato	Note
F490031	TUFANO FEDERICA	84	Advanced nanostructured polymer coatings with tailored morphology and enhanced multifuctional properties (ADCOAT) Development of novel catalysts for e-fuels production	--	--	precede per minore età

User	Nominativo	Punteggio	Idoneità Borse Vincolate	Rinuncia	Assegnato	Note
F488947	OK SANDHYA	84	Development of new nanostructures for CO2 reduction into valuable chemicals Fundamental processes of CO2 reduction with well-defined nanostructures Photocatalytic CO2 reduction with well-defined nanostructures	--	--	
F490297	MARTINI MARCO	81	DM 351 PNRR - Green processes for Industrial Productions and cost-effective effluents valorization DM352-Comparative determination of environmental impact of technologies for a Sustainable mobility Development of novel catalysts for e-fuels production ADVANCED and IN-OPERANDO characterization of catalysts for key reactions (CO2RR, CORR, HER, OER, ORR) in the energetic transition	--	--	precede per minore età
F448573	HASSAN BAABBAD HASSAN KHALED	81	DM 351 PA - Characterization of shale cap-rock formations for gas storage activities CO2 and Hydrogen flow in underground porous media Advanced methodologies for the analysis of the satellite-based measurements of land movements.	--	--	
F402279	ZEIR AHMED ISMAIL MOHAMED ELGOHARI	73	DM 351 PA - Characterization of shale cap-rock formations for gas storage activities CO2 and Hydrogen flow in underground porous media Advanced methodologies for the analysis of the satellite-based measurements of land movements.	--	--	

Art. 3

I candidati di cui sopra sono ammessi al Corso di Dottorato di Ricerca nazionale in Materiali, Processi Sostenibili e Sistemi per la transizione energetica (XXXVIII Ciclo) secondo l'ordine della graduatoria sopraindicata, fino alla copertura del numero dei posti e nel rispetto degli articoli 7 e 8 del bando di concorso.

I L R E T T O R E
Prof. Guido Saracco

CL/cg

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