



SEDUTA DELLA COMMISSIONE ASSICURAZIONE DELLA QUALITÀ

5 febbraio 2026

La Commissione Assicurazione della Qualità del Corso di Dottorato di Ricerca in Scienze Fisiche e Chimiche dell'Università di Palermo, regolarmente convocato dal Coordinatore Prof. Marco Cannas, si riunisce alle ore 15:00 del giorno 05.02.2026 con il seguente ordine del giorno:

1) Identificazione e Consultazione degli Stakeholders del Corso di Dottorato

Presiede il Coordinatore Prof. Marco Cannas, svolge le funzioni di segretario il Prof. Francesco Ferrante

Sono presenti

Proff. Marco Cannas, Marco Miceli, Francesco Ferrante

Dott. Antonio Prestianni (rappresentante tecnico-amministrativo)

Dott. Francesco Barra, Claudia Maraventano, Gaetano Fricano, Luca Valentino (rappresentanti dei dottorandi del 38°, 39°, 40° e 41° Ciclo)

Il Presidente, prof. M. Cannas, verificato il numero legale, dichiara aperta la seduta e passa a discutere il primo punto all'ordine del giorno:

1) Identificazione e Consultazione degli Stakeholders del Corso di Dottorato

Il presidente informa che la Scuola di Dottorato dell'Università degli Studi di Palermo ha avviato il processo di costituzione di un "Comitato consultivo di riferimento". A tale fine, anche su proposta dei Coordinatori, sono stati selezionati e invitati dei soggetti esterni all'Ateneo, appartenenti al contesto industriale, sociale, economico e culturale. I membri del comitato sono stati nominati dal Rettore con D.R. n. 4903 del 30/04/2025. Una delle prime azioni svolte dalla Scuola di Dottorato è l'organizzazione di una Tavola Rotonda "STRATEGIE DI INNOVAZIONE: Collaborazione tra Università e Imprese nell'ambito dei corsi di Dottorato di Ricerca" che si è tenuta il 18 settembre 2025, presso la Sala delle Capriate, piazza Marina 6.

La commissione discute l'importanza di instaurare un'interazione efficace fra il nostro Corso di Dottorato e gli Stakeholders al fine di favorire i nostri dottorandi nell'inserimento nel mondo del lavoro. Vengono proposte le seguenti azioni:

- 1) Inserire nella pagina web del dottorato una sezione dedicata agli Stakeholders del nostro dottorato, in accordo alla lista riportata nell'allegato 1.
- 2) Avviare un'azione di consultazione degli Stakeholders inviando il questionario che è riportato nell'allegato 2. I risultati di questa azione saranno diffusi fra il collegio dei docenti e i dottorandi e saranno presi in considerazione nella fase di progettazione iniziale del corso di dottorato per il 42° ciclo

La seduta si chiude alle ore 16.30

Il Presidente

Prof. Marco Cannas

Il Segretario

Prof. Francesco Ferrante



Allegato 1: Lista Stakeholder

Azienda	Indirizzo sede	Sito web/ email	Descrizione attività
INAF- Osservatorio Astronomico di Palermo	Piazza del Parlamento 1, Palermo,	https://www.astropa.inaf.it/inafoapalermo@pcert.postecert.it	Ricerca, didattica e divulgazione nell'ambito dell'astrofisica
INAF - Istituto di Astrofisica Spaziale e Fisica Cosmica	Via Ugo La Malfa 153, Palermo	http://www.ifc.inaf.it/it/iasf-palermo-2/inafiasfpa@pcert.postecert.it	Ricerca, didattica e divulgazione nell'ambito dell'astrofisica
STMicroelectronics	Str. Primosole 50, Catania	https://www.st.com/content/st_com/en.html st_srl@legalmail.it	Ricerca e sviluppo in microelettronica e tecnologie dei semiconduttori
PREART	Via G. Matteotti 39; Aci Sant'Antonio (CT)	Email: amministrazione@preart.eu; preart@arubapec.it	Restauro e ripristino di opere di interesse storico artistico
SOLAR FOIL	Roetersstraat 35, 1018WB, Amsterdam, OLANDA	https://www.solar-foil.com/home Lesage@solar-foil.com	Ricerca e sviluppo sull'energia solare per l'orticoltura sostenibile e la coltivazione di microalghe
GAL HASSIN	Via della Fontana Mitri 3, Isnello (PA),	https://galhassin.it/amministrazione@galhassin.it ; galhassin@pec.it	Ricerca, didattica e divulgazione nell'ambito dell'astrofisica
NODE Q LIMITED	The Catalyst in Baird Lane, York, GRAN BRETAGNA	https://www.nodequantum.com/ stefano@nodequantum.com	Tecnologia dell'informazione e della comunicazione, sicurezza informatica
NEXDOT	Av. Gaston Roussel 102, Romainville, FRANCIA	https://nexdot.fr/ michele.damico@nexdot.fr	Ricerca e sviluppo sulle applicazioni di nanocristalli semiconduttori



Allegato 2: Questionario Stakeholder

Company/Organization letterhead paper

PhD in Physical and Chemical Sciences – University of Palermo

Please, send to the Coordinator: Prof. M. Cannas (marco.cannas@unipa.it)

Company/Organization name:

Please complete the attached questionnaire, based on your general experience with doctoral students, particularly our PhD students in Physical and Chemical Sciences. I underline that it is purely informative and will help us focus on topics we can discuss in a future meeting with our PhD students.

- 1) How does your company/organization apply PhD skills?
- 2) What are the most critical skills and experiences your organization looks for in PhD graduates?
- 3) If you've had experience working with our PhD students, can you give us an honest overview of the strengths and weaknesses of the students' skills?
- 4) What are the future opportunities and potential career paths for doctoral students within your organization?
- 5) What specific projects or research areas are you currently focusing on and to which a doctoral student could contribute?
- 6) How does your organization support the professional development of PhD talent?

Place, date

Signature



UNIVERSITÀ DEGLI STUDI DI PALERMO
DOTTORATO DI RICERCA IN SCIENZE FISICHE E CHIMICHE



Prot. 3381

Prof. M. Cannas
Coordinator, PhD in Physical and Chemical Sciences
University of Palermo
marco.cannas@unipa.it

Report - PhD in Physical and Chemical Sciences – University of Palermo – Fondazione GAL Hassin

Company/Organization name: Fondazione GAL Hassin – Centro Internazionale per le Scienze Astronomiche, Isnello (PA)

Please complete the attached questionnaire, based on your general experience with doctoral students, particularly our PhD students in Physical and Chemical Sciences. I underline that it is purely informative and will help us focus on topics we can discuss in a future meeting with our PhD students.

1) How does your company/organization apply PhD skills?

PhD skills are used to focus the observations carried out via the GAL Hassin's telescopes in support of advanced scientific projects aimed at studying and understanding advanced astrophysical targets and phenomena.

2) What are the most critical skills and experiences your organization looks for in PhD graduates?

Ability to plan observations, optimising them according to the technical characteristics of the instruments used, and to implement advanced data analysis techniques. The ability to cope with unexpected changes in plans due to technical or environmental factors is also required.

3) If you've had experience working with our PhD students, can you give us an honest overview of the strengths and weaknesses of the students' skills?

The student has demonstrated excellent observation planning skills both before and during the observation campaigns, conducted in person at GAL Hassin on June 2025. His data analysis and information processing skills were also excellent.

However, there was little interaction with the Fondazione GAL Hassin after the observation activities, despite the fact that the deliverables set for his PhD project and to be delivered to GAL Hassin have not yet been completed.

Fondazione GAL Hassin
Centro Internazionale per le Scienze Astronomiche - Isnello
Via della Fontana Mitri, 3, 90010 Isnello (PA)
tel.: +390921662890, +393298452944
Cod. Fisc. 96027320627



4) What are the future opportunities and potential career paths for doctoral students within your organization?

The Fondazione GAL Hassin allows PhD students to work as professional astronomers capable of independently operating our professional robotic telescopes, managing their automation and using them on cutting-edge scientific projects. Collaboration within international teams and projects also allows for significant professional growth.

The Fondazione GAL Hassin also allows students to use their scientific knowledge and skills in Physics /Astrophysics to learn and experiment with scientific communication. For about 10 years we have been engaged in educational and outreach activities with students, general public and also with researchers, teachers, and professionals in the fields of Physics, Geology, Mathematics, and Astrophysics.

5) What specific projects or research areas are you currently focusing on and to which a doctoral student could contribute?

The Fondazione GAL Hassin is currently carrying out observation campaigns to monitor and study various astrophysical objects, such as X-Ray binary stars, Gamma Ray Bursts (GRB), Blazars and young stars with accreting discs. The latter is the specific thesis topic of our current PhD student, who is carrying out a feasibility analysis of accretion studies in young stars using our telescopes.

6) How does your organization support the professional development of PhD talent?

The Fondazione GAL Hassin offers the opportunity to work directly in the field of research, operating professional-grade telescopes and working closely both with the professional astronomers of the Center and with international teams in various projects.

Isnello, 12 December 2025

Dr. Sabrina Masiero
PhD in Astronomy - Coordinator of Educational and Outreach activities
Fondazione GAL Hassin

Fondazione GAL Hassin
Centro Internazionale per le Scienze Astronomiche - Isnello
Via della Fontana Minori, 3, 90010 Isnello (PA)
tel. +390921662890, +391298452944
Cod. Fisc. 96027320827



UNIVERSITÀ DEGLI STUDI DI PALERMO
DOTTORATO DI RICERCA IN SCIENZE FISICHE E CHIMICHE

PhD in Physical and Chemical Sciences – University of Palermo

Please, send to the Coordinator: Prof. M. Cannas (marco.cannas@unipa.it)

Company/Organization name: INAF - National Institute of Astrophysics

Please complete the attached questionnaire, based on your general experience with doctoral students, particularly our PhD students in Physical and Chemical Sciences. I underline that it is purely informative and will help us focus on topics we can discuss in a future meeting with our PhD students.

1) How does your company/organization apply PhD skills? (*In che modo la tua azienda/organizzazione applica le competenze del dottorato di ricerca?*)

L'Istituto Nazionale di Astrofisica (INAF) è un Ente Pubblico di Ricerca (EPR) di eccellenza per lo studio dell'Universo. Come tale rappresenta l'ambiente naturale dove gli studenti di dottorato possono crescere e costruire le proprie competenze nell'ambito della ricerca in astrofisica. INAF non si limita a recepire tali conoscenze, ma partecipa attivamente alla loro costruzione: il nostro personale eroga corsi specialistici e l'Ente fornisce accesso a strumenti e laboratori all'avanguardia. I dottorandi vengono coinvolti sin dal primo anno nella comunità astrofisica internazionale, affiancando sin da subito il loro percorso formativo con attività di ricerca. In questo modo, il know-how accademico si traduce immediatamente in innovazione scientifica operativa.

2) What are the most critical skills and experiences your organization looks for in PhD graduates? (*Quali sono le competenze e le esperienze più importanti che la tua organizzazione ricerca negli studenti che hanno ottenuto il dottorato di ricerca?*)

L'INAF ricerca primariamente **autonomia scientifica** e la comprovata capacità di gestire progetti di ricerca complessi, dimostrata attraverso pubblicazioni su riviste internazionali. Oltre alle competenze tecniche verticali (analisi dati avanzata, sviluppo di strumentazione, modellistica numerica), consideriamo fondamentali le *soft skills*: attitudine al **problem-solving creativo**, capacità di lavorare in **collaborazioni internazionali** multidisciplinari e abilità nella comunicazione efficace dei risultati. Valutiamo inoltre positivamente l'esperienza nella scrittura di proposte osservative (observing grant) e la proattività nel cercare nuove linee di indagine scientifica.

3) If you've had experience working with our PhD students, can you give us an honest overview of the strengths and weaknesses of the students' skills? (*Se hai avuto esperienza di lavoro con i nostri studenti di dottorato, puoi fornirci una panoramica onesta dei punti di forza e di debolezza delle competenze degli studenti?*)

Dalla nostra esperienza diretta, i dottorandi dimostrano una **preparazione di base eccellente** e una solida conoscenza della fisica, pilastri fondamentali per la ricerca in astrofisica. Apprezziamo particolarmente la loro **scioltezza nell'uso della lingua inglese** — essenziale nel nostro contesto internazionale — e una notevole rapidità



UNIVERSITÀ DEGLI STUDI DI PALERMO
DOTTORATO DI RICERCA IN SCIENZE FISICHE E CHIMICHE

di apprendimento di fronte a nuove sfide e strumenti. In merito ai punti di debolezza, non abbiamo rilevato criticità strutturali o lacune che abbiano mai impattato negativamente o rallentato in modo significativo il raggiungimento degli obiettivi scientifici e formativi del dottorato.

4) What are the future opportunities and potential career paths for doctoral students within your organization? (*Quali sono le opportunità future e i potenziali percorsi di carriera per gli studenti di dottorato all'interno della vostra organizzazione?*)

Il percorso svolto presso l'INAF consente ai dottori di ricerca di inserirsi in modo estremamente competitivo nel mercato globale della ricerca astrofisica e accademica. Tuttavia, le prospettive non si limitano alla sola ricerca fondamentale: l'alto livello delle competenze tecniche e metodologiche acquisite rende i nostri dottori di ricerca profili ideali anche per il settore privato. In particolare, registriamo un forte interesse da parte di aziende ad alto profilo innovativo, aprendo eccellenti opportunità di carriera nei settori dell'Hi-Tech e dell'industria aerospaziale. Alcuni ex studenti, che hanno preferito non continuare sulla strada della ricerca, si sono dimostrati essere ottimi insegnanti per scuole private e pubbliche.

5) What specific projects or research areas are you currently focusing on and to which a doctoral student could contribute? (*Su quali progetti o aree di ricerca specifici ti stai concentrando attualmente e a quali potrebbe contribuire uno studente di dottorato?*)

Attualmente la nostra ricerca è focalizzata sull'analisi dati di stelle binarie in accrescimento e buchi neri supermassivi situati al centro delle galassie. Si tratta di sorgenti potenti di raggi X e vengono indagate attraverso tecniche di spettroscopia, studio della variabilità temporale e ricostruzione dell'emissione multibanda. In questo contesto, il dottorando ha l'opportunità di contribuire in maniera autonoma: imparerà a padroneggiare le tecniche di analisi per sviluppare una propria interpretazione fisica dei dati, contestualizzando i risultati nella letteratura vigente. Di recente abbiamo dottorandi inseriti in nuovissimi progetti dedicati all'astronomia gamma delle altissime energie come i telescopi Cherenkov ASTRI mini-array di cui INAF è leader. Inoltre, i dottorandi vengono incoraggiati ad ideare nuove strategie osservative e metodologie di analisi avanzate, sfruttando anche le potenzialità dei nuovi strumenti offerti dall'Intelligenza Artificiale.

6) How does your organization support the professional development of PhD talent? (*In che modo la vostra organizzazione sostiene lo sviluppo professionale dei talenti con dottorato di ricerca?*)

L'INAF sostiene concretamente lo sviluppo professionale offrendo ogni anno svariate posizioni di post-doc (borse di studio, assegni di ricerca, posizioni di ricercatore a tempo determinato) che spaziano in tutti gli ambiti dell'astrofisica. Queste posizioni rappresentano lo sbocco naturale per i giovani dottori di ricerca più meritevoli: è attraverso queste opportunità, infatti, che essi possono consolidare la propria autonomia scientifica e compiere il passo decisivo per diventare scienziati professionisti a tutti gli effetti. Da alcuni anni il nostro ente finanzia una serie di linee di ricerca fondamentale da piccoli a grandi progetti che permettono anche a dei post-doc alle prime armi di ottenere dei fondi per approfondire la loro linea di ricerca nonché di partecipare a progetti di maggior respiro.

Place, date

Palermo, 20/2/26

Signature (resp. Alta formazione)



UNIVERSITÀ DEGLI STUDI DI PALERMO
DOTTORATO DI RICERCA IN SCIENZE FISICHE E CHIMICHE

Company/Organization letterhead paper

PhD in Physical and Chemical Sciences – University of Palermo

Please, send to the Coordinator: Prof. M. Cannas (marco.cannas@unipa.it)

Company/Organization name: INAF – Osservatorio Astronomico di Palermo

Please complete the attached questionnaire, based on your general experience with doctoral students, particularly our PhD students in Physical and Chemical Sciences. I underline that it is purely informative and will help us focus on topics we can discuss in a future meeting with our PhD students.

1) How does your company/organization apply PhD skills?

Mainly in research activities or technological developments.

2) What are the most critical skills and experiences your organization looks for in PhD graduates?

Informatics skills, advanced English knowledge, advanced physics/mathematics/chemistry knowledge, problem-solving capability, capability to work in a team.

3) If you've had experience working with our PhD students, can you give us an honest overview of the strengths and weaknesses of the students' skills?

We host several PhD students displaying a variety of approaches and competencies. A common trait is that they often start with a student-like mindset. However, over the course of three years, they – with a few exceptions - typically evolve into professional and independent researchers.

4) What are the future opportunities and potential career paths for doctoral students within your organization?

Fellowships, Incarichi di ricerca/post-doc/, fixed-term researcher/technologist positions.

5) What specific projects or research areas are you currently focusing on and to which a doctoral student could contribute?

Several astrophysical projects, including modelling, observations, data analysis, and instrument development

6) How does your organization support the professional development of PhD talent?

Doctoral school organizations, participation in national/international workshops and meetings, a rich network of scientist around the world, participation in international projects with some focused task responsibility, possibility to lead papers on their own research, support in scientific writing (proposals, papers, educational material, ...)

Place, date

Signature



Giuseppina Micela
28.01.2026
12:32:37
GMT+01:00



UNIVERSITÀ DEGLI STUDI DI PALERMO
DOTTORATO DI RICERCA IN SCIENZE FISICHE E CHIMICHE

Company/Organization letterhead paper

PhD in Physical and Chemical Sciences – University of Palermo

Please, send to the Coordinator: Prof. M. Cannas (marco.cannas@unipa.it)

Company/Organization name: Nexdot

Please complete the attached questionnaire, based on your general experience with doctoral students, particularly our PhD students in Physical and Chemical Sciences. I underline that it is purely informative and will help us focus on topics we can discuss in a future meeting with our PhD students.

1) How does your company/organization apply PhD skills?

Nexdot integrates PhD students in current projects of the company developing specific area which request long term R&D research.

2) What are the most critical skills and experiences your organization looks for in PhD graduates?

Typically, scientific projects of Nexdot request polyvalence, adaptation to quick changes in focus on different topics.

3) If you've had experience working with our PhD students, can you give us an honest overview of the strengths and weaknesses of the students' skills?

We never host a Unipa PhD student.

4) What are the future opportunities and potential career paths for doctoral students within your organization?

In my experience, when PhD students are valuable, Nexdot can offer a post Doc permanent position as research engineer.

5) What specific projects or research areas are you currently focusing on and to which a doctoral student could contribute?

We are currently working on utilization of Quantum Dots in multiple technological areas. I cannot give more details of current projects. Former projects span from QDs IR detection, QDs as downconverter for Display, QD use as innovative UVA-B transparent filter, QD optical color codes embedded in metal oxide beads, Nanomaterial encapsulation, spatial selective deposition of QDs, among others.

6) How does your organization support the professional development of PhD talent?

Sharing our long know-how in synthesis, integration, characterization of QDs. Nexdot parallel competences offer also Developpement in Management, Project leading, Multinational environment, complete scientific equipment, internal development of software, patent writings, academic collaborations, scientific publication, participation in scientific European project, interaction with international customer and ISO9001 respect of safety, quality and management procedures.

Romainville, 17/2/2026

Signature:



UNIVERSITÀ DEGLI STUDI DI PALERMO
DOTTORATO DI RICERCA IN SCIENZE FISICHE E CHIMICHE

Company/Organization letterhead paper

PhD in Physical and Chemical Sciences – University of Palermo

Please, send to the Coordinator: Prof. M. Cannas (marco.cannas@unipa.it)

Company/Organization name: SolarFoil – Arnon Lesage

Please complete the attached questionnaire, based on your general experience with doctoral students, particularly our PhD students in Physical and Chemical Sciences. I underline that it is purely informative and will help us focus on topics we can discuss in a future meeting with our PhD students.

1) How does your company/organization apply PhD skills?

At solarfoil Academic knowledge is at the core of our business. Our core technology is based on innovations developed by PhD's and postdocs that have been spun-out. Our company R&D team consists of 3 doctors in chemistry/physics, and so their skills help push the R&D forward from concept to product.

2) What are the most critical skills and experiences your organization looks for in PhD graduates?

While many PhD's are detailed and analytical, I look for PhD's that can take a step back and look at the bigger picture of what they are doing and why and can question what are important questions and how to solve to pragmatically.

In academia "bad results" can also result in a good paper, while in business the goal is to create a good product, and viable business plan.

Lastly, on top of all these strong communication skills are important to convey all the insights and ideas and therefore good communication skills are essential as well.

3) If you've had experience working with our PhD students, can you give us an honest overview of the strengths and weaknesses of the students' skills?

See above 2.

4) What are the future opportunities and potential career paths for doctoral students within your organization?

I believe PhD can contribute in all directions but their strengths would be mostly in the whole technology/innovation line of how to go from idea to validated product and product/market fit. PhDs can help plan and support the steps required to do that, but with their thorough understanding of the technical can help understand the customers needs and how to translate the technology to their needs.

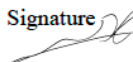
5) What specific projects or research areas are you currently focusing on and to which a doctoral student could contribute?

A lot of what we do revolves around material science and bringing new types of materials to agricultural practice. Students already help in all facets of our work. From fundamental development of materials, to testing of product performance, and validation in real world environments.

6) How does your organization support the professional development of PhD talent?

We support a PhD directly in UNIPA that is exploring an alternative class of nanomaterials, that could be an alternative to ours. And besides we work in several European and national consortiums which contain academic partners with PhDs, either developing materials, or testing our materials/products on crops or algae cultures. This helps us develop and validate our technology.

Place, date
Amsterdam, 23/01/2026

Signature 



UNIVERSITÀ DEGLI STUDI DI PALERMO
DOTTORATO DI RICERCA IN SCIENZE FISICHE E CHIMICHE



STMicroelectronics Srl

I 95121 Catania
Stradale Primosole, 50
Tel. +39 095 7401111
Fax +39 095 7407099
www.st.com

PhD in Physical and Chemical Sciences – University of Palermo

Please, send to the Coordinator: Prof. M. Cannas (marco.cannas@unipa.it)

Company/Organization name: STMicroelectronics

Please complete the attached questionnaire, based on your general experience with doctoral students, particularly our PhD students in Physical and Chemical Sciences. I underline that it is purely informative and will help us focus on topics we can discuss in a future meeting with our PhD students.

1) How does your company/organization apply PhD skills?

At STMicroelectronics, we leverage PhD-level skills primarily in medium to long-term research projects. These advanced competencies enable us to tackle complex challenges, drive innovation, and significantly contribute to technological and scientific advancements within our key areas of expertise.

2) What are the most critical skills and experiences your organization looks for in PhD graduates?

The most critical skills and experiences that STMicroelectronics looks for in PhD graduates include:

- Data Analysis: The ability to interpret complex data sets and derive actionable insights.
- Critical Thinking: Strong analytical skills to solve problems creatively and effectively.
- Communication: Clear and concise communication skills to share ideas and results with diverse audiences.
- Team Working: Collaboration and interpersonal skills to work effectively within multidisciplinary teams.
- Delivery on Time: Proven ability to manage projects efficiently and meet deadlines consistently.

These competencies are essential to drive innovation and ensure successful project outcomes within our organization.

3) If you've had experience working with our PhD students, can you give us an honest overview of the strengths and weaknesses of the students' skills?

Based on our experience working with PhD students, we have observed the following strengths and areas for improvement:

Strengths:

- Punctuality and Precision: PhD students consistently demonstrate strong attention to detail and meet deadlines reliably.
- Critical Thinking: They exhibit excellent analytical skills and the ability to approach problems thoughtfully and creatively.

STMicroelectronics Srl
Socio Unico; Direzione e Coordinamento:
STMicroelectronics N.V.
Amsterdam - Olanda
Sede legale, direzione generale e amministrativa:
20864 Agrate Brianza - Italia
Via C. Olivetti, 2

Telefono: +39 039603.1 linea passante
Telefax: +39 0396035700
www.st.com

Capitale Sociale € 580.000.000,00 int. vers.
Codice Fiscale 09291380153
Partita IVA 00951900968
VAT Code: IT 00951900968
Registro delle Imprese di Monza e Brianza
n. 09291380153

30S08200



UNIVERSITÀ DEGLI STUDI DI PALERMO
DOTTORATO DI RICERCA IN SCIENZE FISICHE E CHIMICHE



Areas for Improvement:

- Focus on Business Objectives: Some students could benefit from a stronger alignment of their research and activities with the company's strategic goals and business priorities.

Overall, PhD students bring valuable skills to the table, and addressing these areas can further enhance their impact within the organization.

4) What are the future opportunities and potential career paths for doctoral students within your organization?

At STMicroelectronics, doctoral students have promising future opportunities. We value the advanced expertise they bring and offer a tailored career path that allow them to grow within research, development, and innovation roles, contributing to cutting-edge projects and long-term company success.

5) What specific projects or research areas are you currently focusing on and to which a doctoral student could contribute?

Currently, at STMicroelectronics, we are focusing on several key research areas where doctoral students can make valuable contributions. One of the primary areas is reliability—ensuring the robustness and long-term performance of our semiconductor devices and systems. Doctoral students can contribute by developing advanced models, conducting experimental validations, and innovating reliability assessment methodologies to support product excellence and customer satisfaction.

6) How does your organization support the professional development of PhD talent?

At STMicroelectronics, we support the professional development of PhD talent by encouraging and facilitating their participation in conferences and internal company meetings. These opportunities allow them to gain valuable experience, enhance their visibility within the organization and the broader scientific community, and foster networking and knowledge exchange. We also provide opportunities for professional growth which are strictly based on technical skills.

Place, date

Catania 07/01/2026

Signature