Università Politecnica delle Marche

Scuola di Dottorato in Scienze dell'Ingegneria

DIDACTIC OFFER
for the academic year - 2024/25

Monday, November 18th , 2024

Room A7/8
h. 16.30-17.30

Prof. Nicola Paone – past Director of the Doctoral School in Engineering Science

with participation of members of the Council of the Doctorate School and Coordinators of Doctorates

Prof. Paolo Castellini- Coordinator of Doctorate course in **Industrial Engineering**
Prof. Luca Pierantoni– Coordinator of Doctorate course in **Information Engineering**
Prof. Francesco Fatone - Coordinator of Doctorate course in **Civil, Env. Eng. and Architecture**

Outline

- introduction
- purpose of the didactic offer
- minimum attendance requirements
- organizational aspects (attendance, Moodle, web-streaming, ….)
- courses offered for Academic Year-24/25
  - objectives and programmes
  - timetable

Introduction

Why undertaking a PhD ?

To become a **professional researcher**:

A PhD is a relevant qualification to pursue:

- a **career in academia** (in this case PhD is mandatory)
- a **career in research institutions** (PhD is highly appreciated)
- a career in **innovative companies** (industrial or services) (a PhD degree can be a booster your career)

Introduction

A good PhD graduate is much more than a good researcher !!

Main characteristics of a successful PhD graduate:

- analytical and research skills
- autonomy and independent thinking
- team working (capacity of listening, empathy, positive thinking, ……..)
- management skills (planning, monitoring, controlling complex activities)
- communication skills
- leadership

Introduction

Some suggestions for a good start

- You are not anymore a «simple student» – you are a PhD candidate, behave accordingly !
- This is the first step in your professional career:
  - Be aware of how the university is organized (structures, people, rules, ….)
  - Work with your tutor and your research team being proactive, not passive
  - Define objectives, plan your time, take note of actions

Overall, be professional !

The PhD School in Engineering Science

Purpose: **coordination of activities** of the three Doctoral Courses offered by the Faculty of Engineering:

Doctorate course in **Civil, Env. Eng. and Architecture**

Doctorate course in **Industrial Engineering**

Doctorate course in **Information Engineering**

Purpose of the didactic offer

1. Organize occasions where PhD students of different courses meet together

2. Stimulate interest beyond your specific field of research – widen-up your perspective

3. Comply to legal requirements

- DM-301 del 23-2-22 (art. 3.2) «……attività, anche in comune tra più corsi di dottorato, di formazione interdisciplinare, multidisciplinare e transdisciplinare (perfezionamento linguistico e informatico; attività nel campo della didattica, della gestione della ricerca e della conoscenza dei sistemi di ricerca europei e internazionali, della valorizzazione e disseminazione dei risultati, della proprietà intellettuale e dell'accesso aperto ai dati e ai prodotti della ricerca, dei principi fondamentali di etica, uguaglianza di genere e integrità.»

Purpose of the didactic offer

The Doctoral School in Engineering Science has started offering a set of courses since 2010

Mix of:
transversal course

disciplinary courses

Offer slightly **changes from year to year**

IMPORTANT: at PhD level, didactic should be a stimulus for your personal growth – ***you are then expected to deepen your knowledge independently***

Minimum attendance requirements

During their first year of doctorate, doctoral students are required to follow corses for **at least 48 h**.

The attendance will be checked by collecting signatures (QR code) in the classroom and the PhD student is required to attend at least 75% of the course hours.

The verification of the acquired knowledge will be carried out according to the procedures defined by the individual professors.

Where to find information

- Central web-site of UNIVPM https://www.univpm.it/Entra/Ricerca/Dottorato_di_Ricerca_/Didattica_comune

- Web-site of Engineering faculty https://www.ingegneria.univpm.it/content/scuola-di-dottorato-scienze-dellingegneria?language=it

Courses offered for AA-24/25
Organizational aspects: web-streaming/recording

- Courses will be held in presence
- Course will also be provided in live web-streaming
- Recorded files could be made available on Learn for download and delayed play-back
- We will use Microsoft TEAMS
  - Slides
  - Video
  - Audio
- A specific TEAM for each course will be created by each professor and made available to PhD students enrolled in the course (generally through the Learn environment)

Courses offered for AA-24/25
Organizational aspects: proof of attendance

- When in classroom, scan the **QR code** generated during each lesson
  - Install an App for QR code reading on your cell-phone
  - When you sign-up, **USE your PhD credentials** (not the one you had when you were an undergraduate student !
  - If errors occurr, your professor will be able to record your attendance manually
- If you follow through web-streaming, scan the QR code on the screen
- In case of delayed attendance (download and play-back of recorded lessons), take proper arrangements with your professor so to inform him (*delayed attendance should be avoided and in any case it is considered as an unusual emergency attendance mode)*

QR code generator

https://prodapps.econ.univpm.it/registro_dottorandi/index.php

Lesson 1

In order to sign in your attendance, scan this QR code and follow the instructions (you need to be connected to the web)

Generato il 09-01-2018 9:31:04 e valido per 0h 10m

Recording of Attendance

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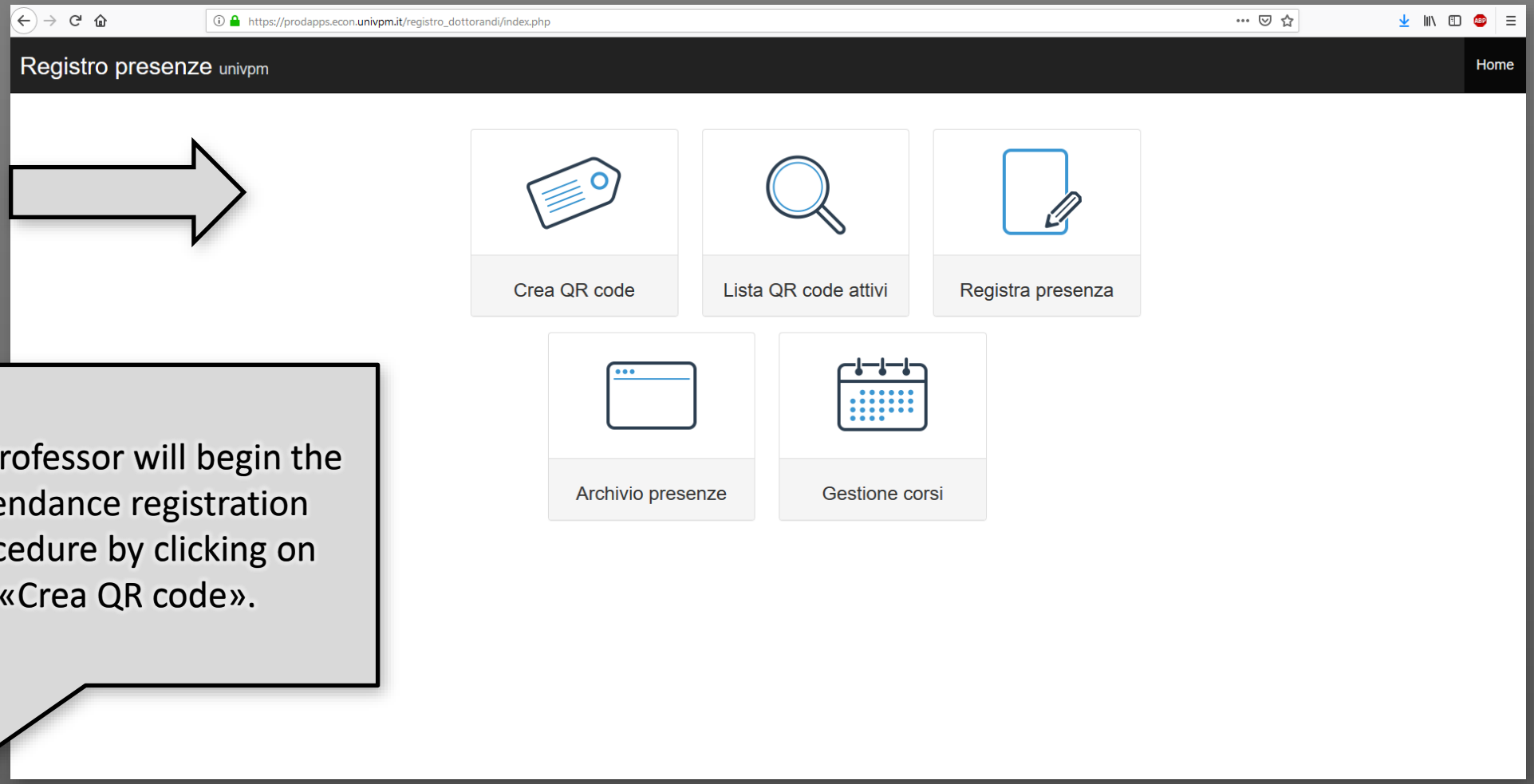

The Professor will begin the attendance registration procedure by clicking on «Crea QR code».

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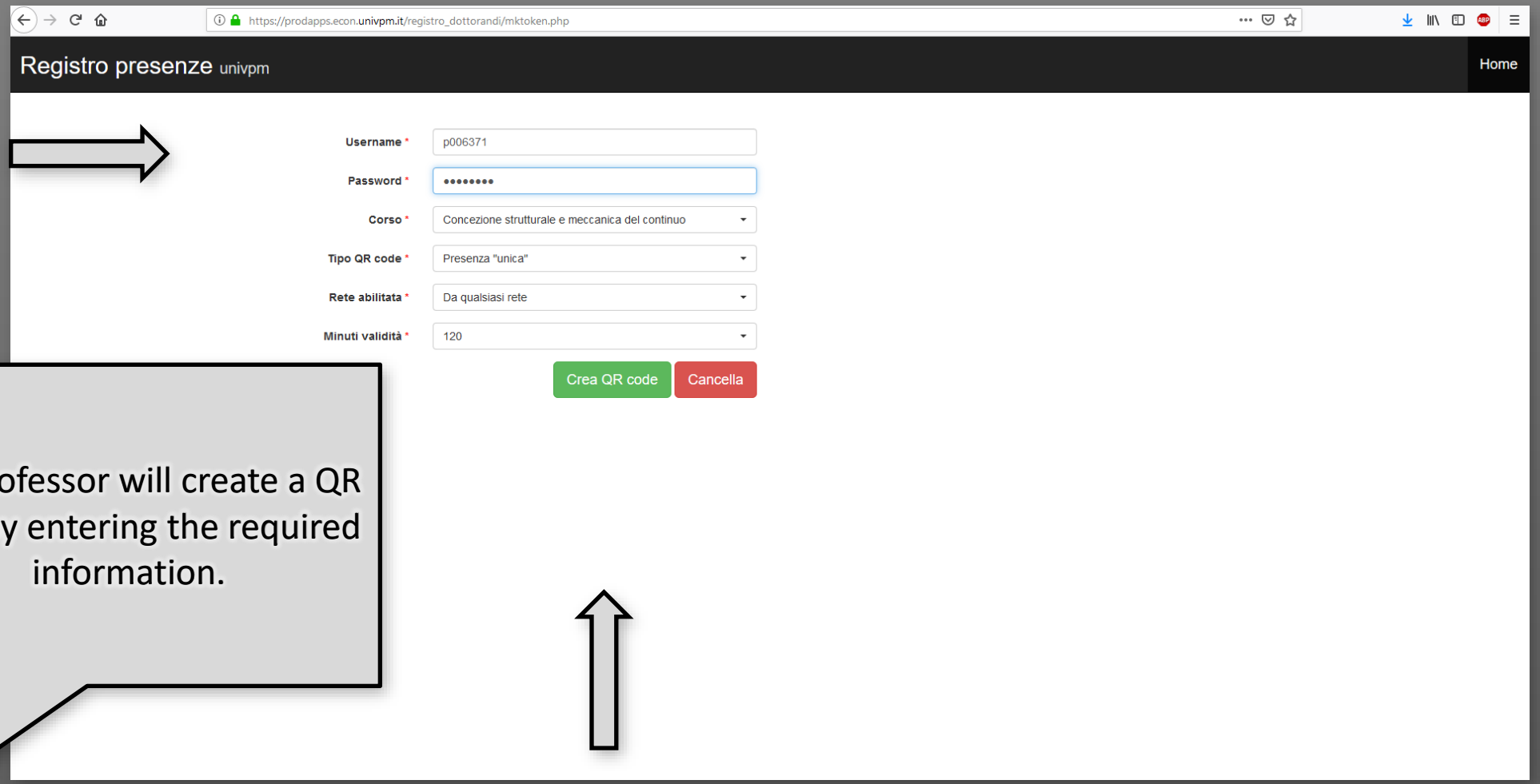

The professor will create a QR code by entering the required information.

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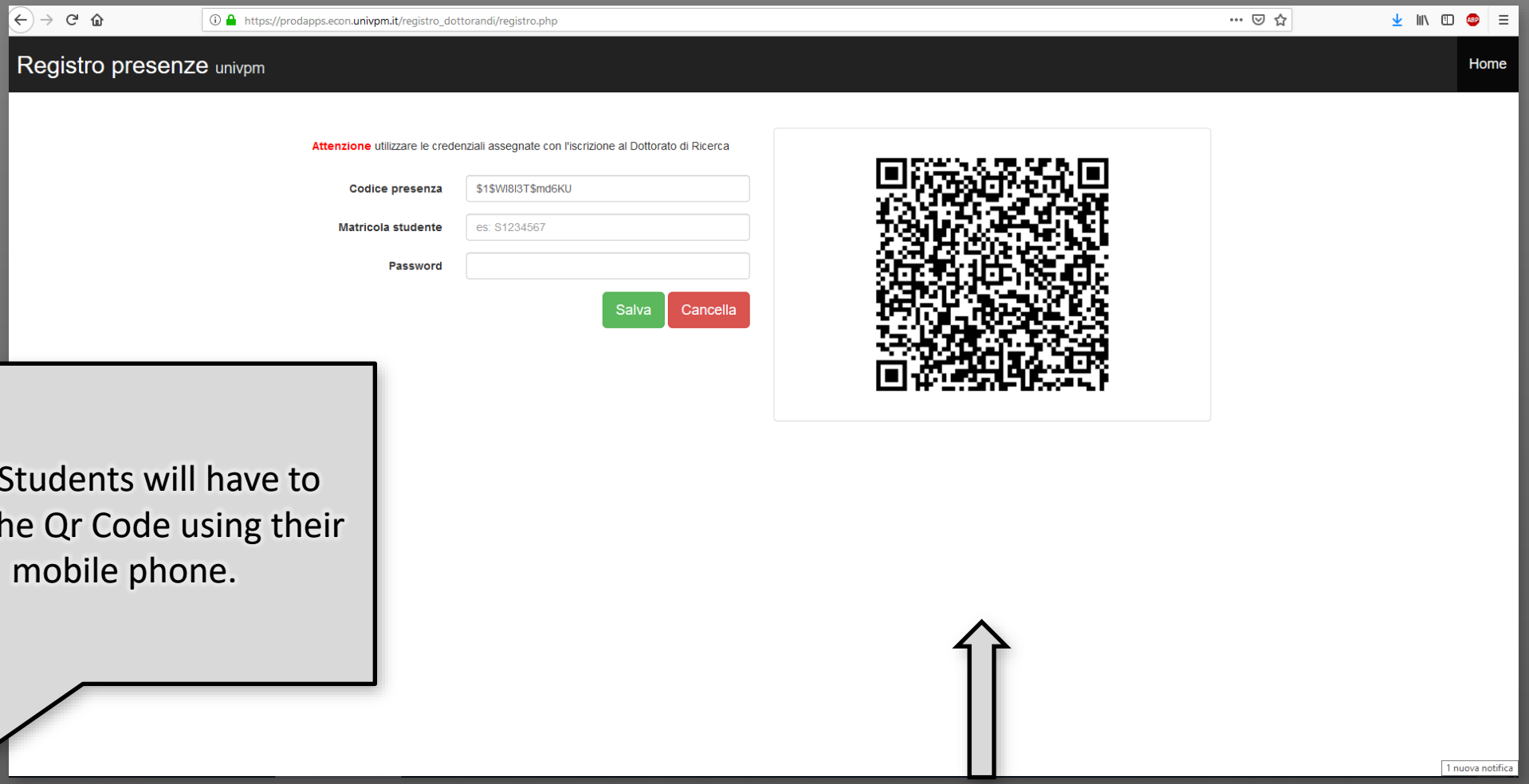

Phd Students will have to scan the Qr Code using their mobile phone.

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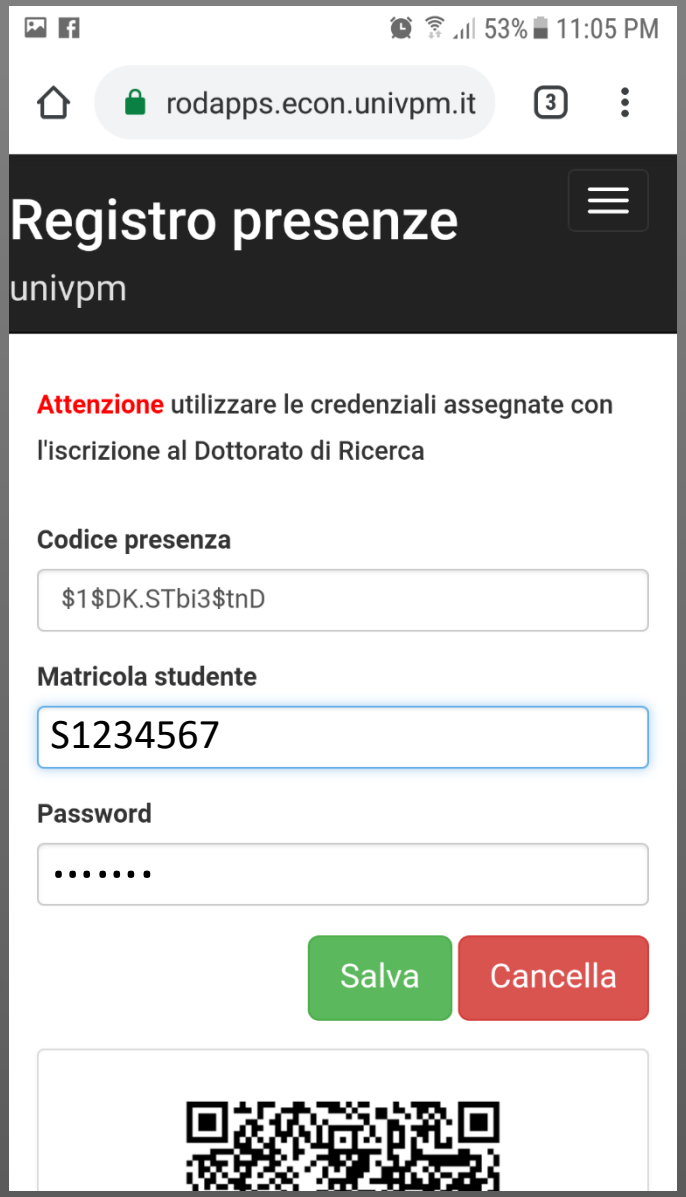
Please, fill in the fields with the credentials used to access your account on the "esse3web" platform.



Use only your matricula as PhD candidate, not the one you had as a master student !!

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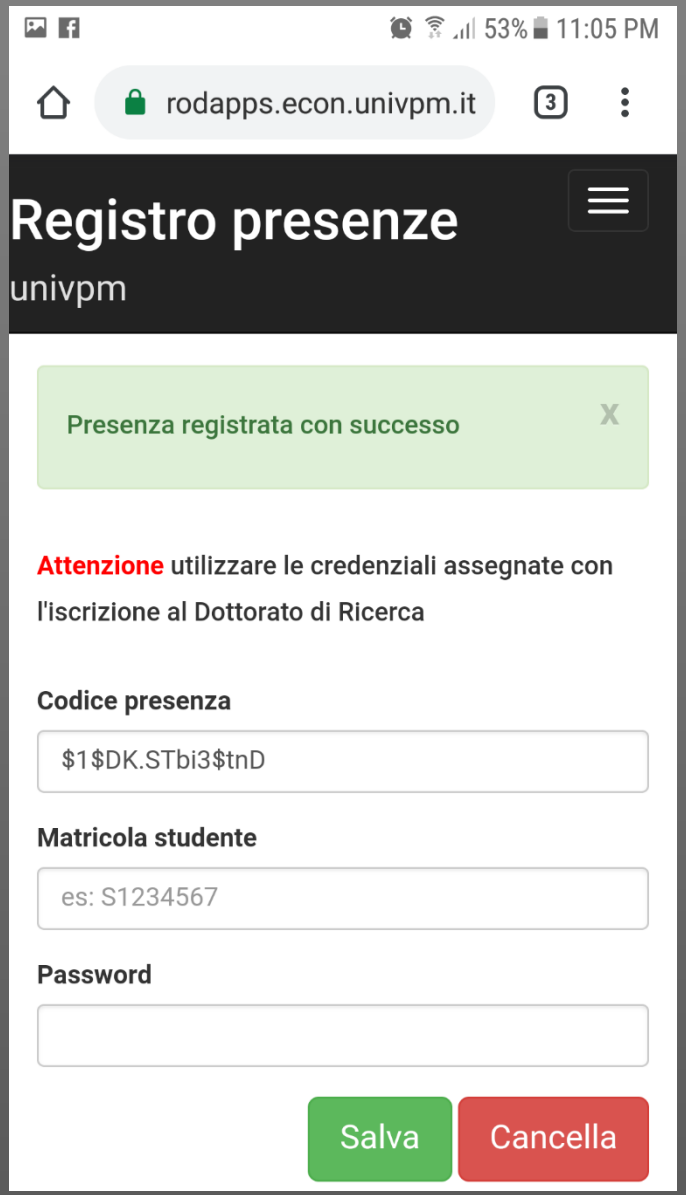
Please, check that the procedure has been successfully completed.



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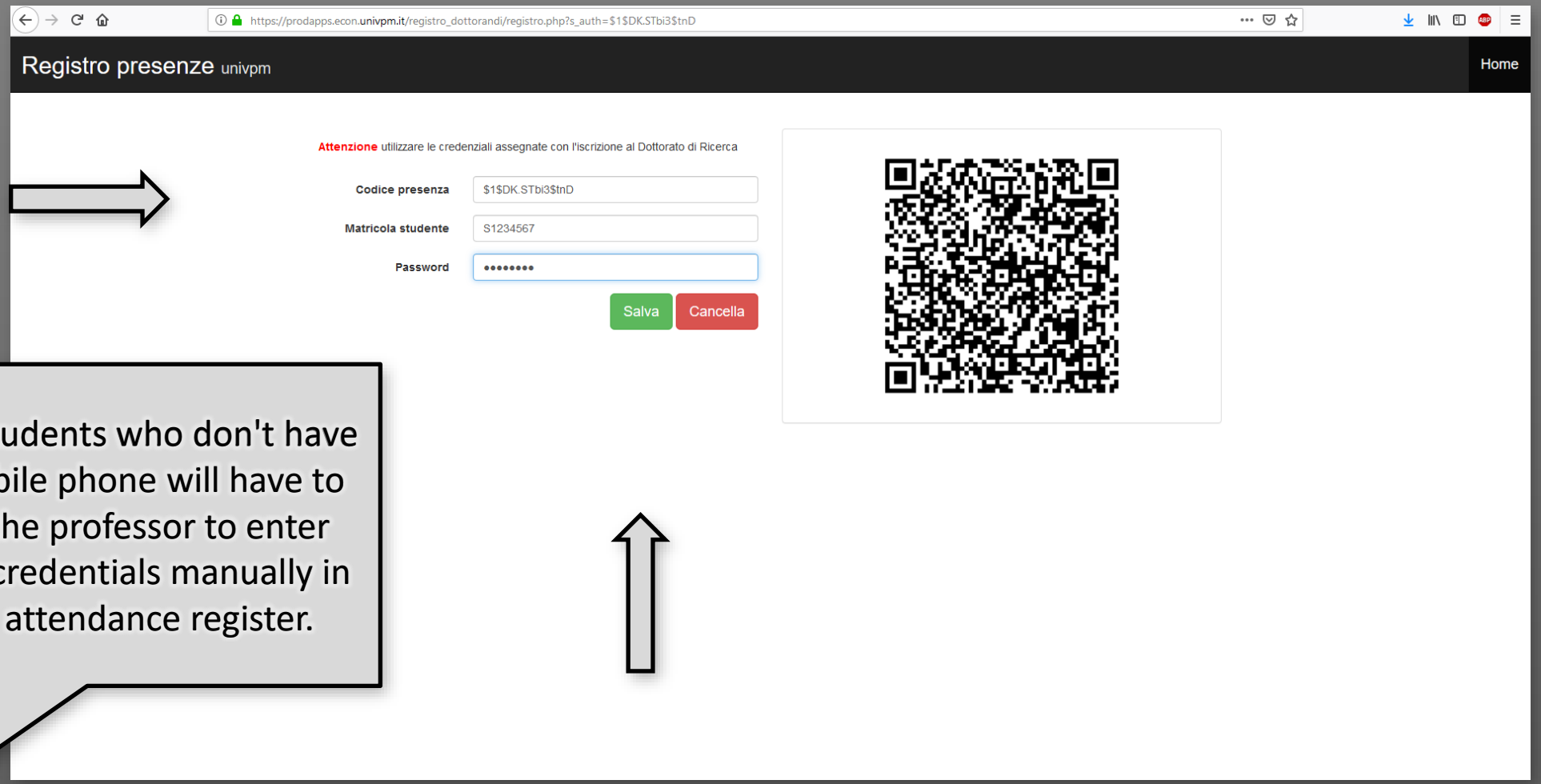

Phd Students who don't have a mobile phone will have to ask the professor to enter their credentials manually in the attendance register.

Courses offered for AA-24/25
Organizational aspects: Learn environment https://learn.univpm.it/

- Each course will make use of Learn environment at different level

- In any case:
  - Sign-up as participant to the course you are planning to attend it
  - Take arrangements and follow instructions of your professor

Courses offered for AA-24/25

List of course, objectives and programmes

https://www.ingegneria.univpm.it/content/offerta-didattica-della-scuola-di-dottorato-aa-2425

NOW IT IS UP TO YOU !

Be proactive, most of what you will get depends:
- on you,
- on your research team
- on your personal involvement

Now you are a PhD candidate !

For any question, doubt, proposal:

- talk to your Tutor or Coordinator of your Doctorate