



# Università Politecnica delle Marche

## Scuola di Dottorato in Scienze dell'Ingegneria

# DIDACTIC OFFER

## for the AA - 2018/19

Tuesday, November 20th, 2018  
h. 9.15 - 10.30

**Prof. Nicola Paone - Director of the Doctoral School in Engineering Science**

with participation of:

**Prof. Ferruccio Mandorli** - Coordinator of Doctorate course in Industrial Engineering

**Prof. Franco Chiaraluce** - Doctorate course in Information Engineering

**Prof. Francesco Fatone** - Coordinator of Doctorate course in Civil, Env., Eng. and Architecture

# Outline

- purpose of the didactic offer
- minimum attendance requirements
- organizational aspects (attendance, Moodle, web-streaming, ....)
- courses offered for AA-18/19
  - objectives and programmes
  - timetable

# Purpose of the didactic offer

1. Create events where PhD students of different courses meet together
2. Stimulate interest beyond your specific field of research
3. Comply to legal requirements
  - DM-45 (art. 4, comma 1-f) «..... previsione di attività, anche in comune tra più dottorati, di formazione disciplinare e interdisciplinare e di perfezionamento linguistico e informatico, nonché, nel campo della gestione della ricerca e della conoscenza dei sistemi di ricerca europei ed internazionali, della valorizzazione dei risultati della ricerca e della proprietà intellettuale.»

# 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 may change 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 at least two courses chosen from those listed below (in agreement with your supervisor).
- 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](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-18/19

## Organizational aspects: web-streaming/recording

- Most course will allow live web-streaming
- Skype for business
  - Slides
  - Video
  - Audio
- Links to each Lesson will be created by each professor and made available to PhD students enrolled in the course (generally through the Learn environment)
- Recorded files (\*.mp4 – *very heavy !!*) could be made available on Learn for download and delayed play-back

BEWARE ABOUT CONNECTION AND BANDWIDTH AND EQUIPMENT

# Courses offered for AA-18/19

## 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 ID number (not the one you had when you were an undergraduate student !)
  - If errors occur, your professor will be able to record your attendance manually
- If you follow through web-streaming, pay attention to scan the QR code on a sufficiently large screen
- In case of delayed attendance (download and play-back of recorded lessons), take proper arrangements with your professor (*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/](https://prodapps.econ.univpm.it/registro_dottorandi/)

# Lesson 1

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

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





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# Recording of Attendance



Registro presenze univpm Home

← → ↻ 🏠 [https://prodapps.econ.univpm.it/registro\\_dottorandi/index.php](https://prodapps.econ.univpm.it/registro_dottorandi/index.php) ... 🛡️ ☆ ⬇️ 📄 📱 📡

➔

Crea QR code

Lista QR code attivi

Registra presenza

Archivio presenze

Gestione corsi

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



Registro presenze univpm [Home](#)

Username \*

Password \*

Corso \*

Tipo QR code \*

Rete abilitata \*

Minuti validità \*

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



Registro presenze univpm [Home](#)

**Attenzione** utilizzare le credenziali assegnate con l'iscrizione al Dottorato di Ricerca

Codice presenza

Matricola studente

Password

[Salva](#) [Cancella](#)



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

1 nuova notifica



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



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## Registro presenze

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**Attenzione** utilizzare le credenziali assegnate con  
l'iscrizione al Dottorato di Ricerca

**Codice presenza**

\$1\$DK.STbi3\$tnD

**Matricola studente**

S1234567

**Password**

.....

**Salva** **Cancella**





Please, check that the  
procedure has been  
successfully completed.

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## Registro presenze

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Presenza registrata con successo X

**Attenzione** utilizzare le credenziali assegnate con  
l'iscrizione al Dottorato di Ricerca

**Codice presenza**

\$1\$DK.STbi3\$tD

**Matricola studente**

es: S1234567

**Password**

Salva Cancell





Registro presenze univpm [Home](#)

**Attenzione** utilizzare le credenziali assegnate con l'iscrizione al Dottorato di Ricerca

Codice presenza

Matricola studente

Password



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

# Courses offered for AA-18/19

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 following
  - Take arrangements and follow instructions of your professor

# Courses offered for AA-18/19

## List of course, objectives and programmes

| N. | CORSO                                                                             | COURSE                                                                            | DOCENTE            | LINK al sito<br><a href="https://learn.univpm.it/">https://learn.univpm.it/</a>                               |
|----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------|
| 1  | Economia e Management del Trasferimento Tecnologico                               | Economics and management of technology transfer                                   | Donato Iacobucci   | <a href="https://learn.univpm.it/course/view.php?id=8044">https://learn.univpm.it/course/view.php?id=8044</a> |
| 2  | Progettare la ricerca: i progetti europei                                         | Design of research: European projects                                             | Nicola Paone       | <a href="https://learn.univpm.it/course/view.php?id=8045">https://learn.univpm.it/course/view.php?id=8045</a> |
| 3  | Metodi e strumenti di rappresentazione e gestione di processi                     | Tools and methods for process representation and management                       | Ferruccio Mandorli | <a href="https://learn.univpm.it/course/view.php?id=8046">https://learn.univpm.it/course/view.php?id=8046</a> |
| 4  | Strumenti e tecniche per la gestione dei progetti                                 | Project management techniques                                                     | Filippo Ciarapica  | <a href="https://learn.univpm.it/course/view.php?id=8047">https://learn.univpm.it/course/view.php?id=8047</a> |
| 5  | Strumentazione virtuale (Labview) per monitoraggio e gestione sistemi industriali | Virtual instruments (Labview) for monitoring and management of industrial systems | Paolo Castellini   | <a href="https://learn.univpm.it/course/view.php?id=8048">https://learn.univpm.it/course/view.php?id=8048</a> |

# Courses offered for AA-18/19

## List of course, objectives and programmes

| N. | CORSO                                                                                           | COURSE                                                                                        | DOCENTE                        | LINK al sito<br><a href="https://learn.univpm.it/">https://learn.univpm.it/</a>                               |
|----|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------------------|
| 6  | Strumenti virtuali avanzati (Labview - Matlab) per simulazione e controllo di sistemi complessi | Advanced virtual instruments (Labview - Matlab) for simulation and control of complex systems | David Scaradozzi               | <a href="https://learn.univpm.it/course/view.php?id=8049">https://learn.univpm.it/course/view.php?id=8049</a> |
| 7  | Concezione strutturale e meccanica del continuo                                                 | From Continuum to Structural Mechanics                                                        | Fabrizio Davì                  | <a href="https://learn.univpm.it/course/view.php?id=8050">https://learn.univpm.it/course/view.php?id=8050</a> |
| 8  | Patrimonio culturale: tradizione ed innovazione                                                 | Cultural Heritage: tradition and innovation                                                   | Antonello Alici                | <a href="https://learn.univpm.it/course/view.php?id=8051">https://learn.univpm.it/course/view.php?id=8051</a> |
| 9  | Programmazione matematica e teoria dei grafi                                                    | Mathematical Programming and Graph Theory                                                     | Fabrizio Marinelli             | <a href="https://learn.univpm.it/course/view.php?id=8052">https://learn.univpm.it/course/view.php?id=8052</a> |
| 10 | Tecniche di microscopia elettronica e microanalisi                                              | Electron microscopy techniques and microanalysis                                              | Paolo Mengucci, Gianni Barucca | <a href="https://learn.univpm.it/course/view.php?id=8053">https://learn.univpm.it/course/view.php?id=8053</a> |

# **Courses offered for AA-18/19**

List of course, objectives and programmes

Programmes: [CORSI Dottorato Programmi AA18-19 v4.docx](#)

Timetable: [GANTT Corsi 2018-19 v6.xlsx](#)

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# THANK YOU

For further needs:

[n.paone@univpm.it](mailto:n.paone@univpm.it)

Or your Coordinators