



### **EXTRA-ACTIVITY SEMINAR**

Tor Vergata University: bachelor courses in “Business Administration & Economics”,  
May 2019

**SEMINAR: “Fintech. New innovative trends in 2019: blockchain, bitcoin, Artificial intelligence”**

**INSTRUCTOR:** Prof. Vittorio de Pedys

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Office : Room 3C-4, 3rd floor Building B

**COURSE:** 18 hours

**CFU:** 3 for Extra Activities

**ATTENDANCE:** minimum 50% of the lectures

### **SEMINAR BACKGROUND:**

*Change is accelerating driven by technology and the market landscape will witness incredibly big and deep modifications. The impact on companies, on consumer behavior and on our life is already being felt. The future is already on us and we can look into some aspects which are telling more on the direction things will move in the next few years. It is for this reason that a look into the future of business might be of interest to all economics students.*

### **LEARNING OBJECTIVES:**

*This seminar aims at giving some insights on the newest trends which are at the cutting edge of innovation in the financial space and markets. While not pretending to be over-technical the seminar will explore the changes which are happening at astonishing speed driven by innovation in finance.*

### **PRE-REQUISITES:**

*This is not an advanced course, giving the limited amount of hours, and its exploratory nature. A basic knowledge of banking and finance concepts is helpful, in order to understand the magnitude of the changes being illustrated.*

### **CONTENTS:**

*New current Fintech amazing trends*

*Blockchain: what is it and how it works*

*Bitcoin: its importance*

*Cryptocurrencies: other currencies, exchanges and ICOs*

*From E-Finance to Fintech: crowdfunding, payments, wealth management, credit & lending, regtech, security*

*Artificial intelligence*

*Fintech in Italy*

### **DELIVERY METHOD:**

*A mix of some front end teaching, video tutorials, interactive observation of real-time business markets and analyses by some of the world's experts.*



**TEACHING MATERIAL:**

*Provided by the Instructor*

**EVALUATION EXAM AND CREDITS:**

*A final essay or project agreed with the instructor will be assigned and it will give a PASS/NO PASS result. With PASS students have right to the credits*

**REFERENCES:**

- CB Insights, «The state of Regtech», Q3-2017*  
*CB Insights, «The US small business Fintech Report», 2018*  
*Deloitte, «Regtech is the new Fintech», 2016*  
*M. Schweitzer, B. Barkley, «Is Fintech good for small business borrowers?», Jan. 2017*  
*PWC, «How Fintech is shaping financial services», in PWC Global Fintech Report, 2016*  
*World Economic Forum, «The future of Fintech», Oct. 2015*  
*K. Gai, M. Qiu, X. Sun, Pace University, «A survey on Fintech», Journal of network and computer applications, 2018, n. 103;*  
*World Economic Forum, «Beyond Fintech: a pragmatic assessment of disruptive potential in financial services», August 2017;*  
*CB Insights, «State of artificial intelligence», 2018;*  
*I. Lee, Y. Shin, «Fintech: echo system, business models, investment decisions, and challenges», in Business Horizons, 2018, n. 61;*  
*KPMG, «Value of Fintech», City of London, Oct. 2017.*  
*Y. Shim, D. Shin, «Analyzing China's Fintech industry», Telecommunication policy, 2016, n. 40*  
*CB Insights, «Tech trends», 2018*  
*ING, «Fintech for micro, small and medium sized enterprises», Oct. 2016*  
*PWC, «Le aziende del Fintech in Italia», 2018 Report, Net Consulting n. 3*  
*Banca d'Italia, «Fintech in Italia», Indagine conoscitiva, dicembre 2017*

**CALENDAR:**

- *May 2: 9-12 in room T4*
  - *May 3: 9-11 in room I4 – Guest Lecturer **DR. PIERPAOLO BENINTENDE** – Head of Websales, Incert Spa, Tinexta Group - “The need for Regtech: why digital identity is the new oil in a technology-driven economy”*
  - *May 6: 11-14 in room P8*
  - *May 7: 9-13 in room P8 - Guest Lecturer **DR. PIETRO PENZA** – Partner, Price Waterhousecooper, Risk Management - “The Business Model Of Banks is Changing: Innovation and Transformation of Competitive Scenario”*
  - *May 8: 9-12 in room S10*
  - *May 9: 11-14 in room P9 – Guest Lecturer **MS. GIULIA BRUSCO** – Business Developer and Blockchain Academy Director, Coinshare - “Token Economy and Crypto”*
- Each participant to this workshop will receive 100 Euros in tokens TCJ*



**TOR VERGATA**  
UNIVERSITÀ DEGLI STUDI DI ROMA

Faculty of Economics  
Department of Economics and Finance

*Interested students must to register in here within April 29: <https://forms.gle/wHvT2cLMYGg6by9s8>*