

PERSONAL INFORMATION

Marco Zannotti



marco.zannotti@unicam.it

WORK EXPERIENCE

11/01/2014 – 10/07/2014

Visiting Researcher

University of Nottingham, School of Inorganic Chemistry, E. A. Gibson research group

- Optimization, production, study and characterization of p-type Solar Cells for their use in Tandem Solar Cell devices

01/07/2015 – in progress

Post-doc researcher, settore scientifico disciplinare CHIM/01-settore aggiuntivo CHIM/12, Area di ricerca 03 – Scienze Chimiche

University of Camerino, School of Science and Technology, Chemistry Division, Giovannetti research group.

Environmental Chemistry, Study on Solar Cells DSSC devices: optimization and characterization of nanomaterials semiconductor; water depuration by photocatalysis: optimization of novel semiconductor materials, "green" Graphene production, material Chemistry. Characterization of nanomaterials by UV-VIS, DRS, SEM, XRD, XPS, Raman techniques and Band-gap calculation.

Optimization and development of novel cellulose-based materials modified for pollutant absorption and/or elimination by photocatalysis. Production and modification of cellulose based-material for pollutant adsorption and photocatalysis.

Studies and characterization of natural pigments like porphyrins and carotenoids by UV-Vis spectroscopy, identification and separation by HPLC-MS, kinetic and analytical studies concerning the aggregation-complexation process and acid-base features

Bio-remediation by Antarctic bacteria: purification and studies on secondary compounds by HPLC and Gas Chromatography.

EDUCATION AND TRAINING

19/03/2012 – 19/03/2015

Ph.D. in “Chemical and Pharmaceutical Sciences And Biotechnology: Chemical Sciences”

University of Camerino – School of Advanced Studies

Ph.D. Thesis : *“Analytical approach to technologies for the environment: from wastewater aeration to energy production”*

- Aeration process, water depuration
- Adsorption and kinetic studies
- Preparation of nanomaterials and their electrochemical characterization
- Optimization of DSSCs and their characterization

15/12/2008 – 13/04/2011

Master Degree in Chemistry And Advanced Chemical Methodologies (Classe 62/S)

University of Camerino – School Of Science And Technology – Environmental Chemistry

Master Degree Thesis: *“Ottimizzazione dell’assorbimento di coloranti porfirinici su film nanoconduttori: uno studio cinetico e di equilibrio.” Final Mark: 110/110 with honors*

- Uv-vis characterization
- Adsorption and kinetic studies on natural pigments

6/10/2005 – 15/12/2008

Bachelor Degree in Chemistry (Classe 21)

University of Camerino – School Of Science And Technology – Chemistry Division

Bachelor Degree Thesis : *“Studio delle proprietà coordinative di leganti precarbenici derivati da liquidi ionici a base di imidazoli e triazoli N-alchilati” Final Mark: 110/110 with honors*

- Inorganic Synthesis and Coordination chemistry

2001-2005

Diploma di Maturità Scientifica Liceo Scientifico V.Volterra Fabriano- Final Mark 100/100

PERSONAL SKILLS

Mother tongue(s)	Italian				
Other language(s)					
		UNDERSTANDING	SPEAKING	WRITING	
		Listening	Reading	Spoken interaction	Spoken production
English	C1	C1	C1	C1	C1
French	A2	A2	A2	A1	A1
Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user Common European Framework of Reference for Languages					
Communication skills	<ul style="list-style-type: none"> ▪ Good communication skills gained through my experience in the laboratory teams at University of Camerino and Nottingham; 				
Organisational / managerial skills	<ul style="list-style-type: none"> ▪ Good work planning; ▪ Prone to teamwork and cooperation; ▪ Analytical and methodical approach ; 				
Job-related skills	<ul style="list-style-type: none"> ▪ Experience in oxygenation for wastewater depuration; ▪ Development and production of DSSCs solar cells devices with electrochemical characteriazion by JV curve and Cyclic Voltammetry. ▪ Development and production of novel semiconductor nanomaterial and their use in water depuration by Photo-catalysis with TiO₂; ▪ Development on green method for the synthesis of reduced graphene oxide and metal nanoparticles. ▪ Band-Gap calculation by Kubelka-Munk plot and deconvolution of spectroscopic data. ▪ Experience in the use of Raman Horiba Instrumentation of UNICAM for the characterization of materials. ▪ Experience on characterization of natural pigments by UV-Vis, HPLC, complexation and kinetic studies. ▪ Production and modification of cellulose based-material for pollutant adsorption and photocatalysis. ▪ Good Knowledge of the following characterization techniques: <ul style="list-style-type: none"> - UV-vis Spectrophotometry; - Fluorescence Spectrophotometry; - Scanning Electron Microscopy; - Gas Chromatography; - X-Ray Diffraction ; - Solar Simulator and charge studies for Solar Cells; - Morphological Analysis ; - BET: - Raman Analysis; - ICP-MS; - HPLC - Microwave mineralization 				
Computer skills	<ul style="list-style-type: none"> ▪ Good knowledge on Windows® Operating System; ▪ Good knowledge of Origin Software. ▪ Good knowledge of Office Software ▪ Fitting and deconvolution of curve by specific software. 				
Other Skills	Cultore della materia for the teachings: Environmental Chemistry. Review activity for international scientific journal: Catalysts, Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, Scientific Reports, Science of Advanced Materials, Analytical Methods, Chemosphere, Materials, Nanomaterials				
Driving License	Driving license B				

ADDITIONAL INFORMATION

PUBLICATIONS

1. R. Giovannetti, **M. Zannotti**, L. Alibabaei, and S. Ferraro, *International Journal of Photoenergy*, 2014; Vol. 1; Pages:1 -9 **Equilibrium and kinetic aspects in the sensitization of monolayer transparent TiO₂ thin films with porphyrin dyes for DSSC applications**
DOI: [10.1155/2014/834269](https://doi.org/10.1155/2014/834269)
2. R. Giovannetti, L. Alibabaei, **M. Zannotti**, S. Ferraro, L. Petetta, *The Scientific Journal*; 2013; Vol. 1; Pages:1-9 "**HPLC-DAD-ESI/MS Identification of Light Harvesting and Light Screening Pigments in the Lake Sediments at Edmonson Point**" DOI:[10.1155/2013/741906](https://doi.org/10.1155/2013/741906)
3. **M. Zannotti**, R. Giovannetti, *Journal of Molecular Liquids* 211 (2015) 656–666, **Kinetic evidence for the effect of salts on the oxygen solubility using laboratory prototype aeration system.**
DOI:[10.1016/j.molliq.2015.07.063](https://doi.org/10.1016/j.molliq.2015.07.063)
4. **M. Zannotti**, R.Giovannetti, C.A. D'Amato, E. Rommozzi *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, 153 (2016) 22-29, **Spectroscopic studies of porphyrin functionalized multiwalled carbon nanotubes and their interaction with TiO₂ nanoparticle surface**,
DOI:[10.1016/j.saa.2015.07.111](https://doi.org/10.1016/j.saa.2015.07.111)
5. **M. Zannotti**, C. J. Wood, G. H. Summers, L. A. Stevens, M. R. Hall, C. E. Snape, R. Giovannetti, and E. A. Gibson, *ACS Appl. Mater. Interfaces*, 2015, 7 (44), pp 24556–24565 **Ni Mg mixed metal oxides for p-type dye-sensitized solar cells** DOI: [10.1021/acsami.5b06170](https://doi.org/10.1021/acsami.5b06170)
6. R. Giovannetti, C.A. D'Amato, **M. Zannotti**, E. Rommozzi, R. Gunnella, M. Minicucci, A. Di Cicco *Scientific Reports* 5, Article number: 17801 (2015) **Visible light photoactivity of Polypropylene coated Nano-TiO₂ for dyes degradation in water**, DOI: [10.1016/j.saa.2015.07.111](https://doi.org/10.1016/j.saa.2015.07.111).
7. Giovannetti, R.; Rommozzi, E.; D'Amato, C.A.; **Zannotti, M.** **Kinetic Model for Simultaneous Adsorption/Photodegradation Process of Alizarin Red S in Water Solution by Nano-TiO₂ under Visible Light.** *Catalysts* 2016, 6, 84. DOI:[10.3390/catal6060084](https://doi.org/10.3390/catal6060084)
8. Giovannetti, R.; Rommozzi, E.; **Zannotti, M.** ; D'Amato, C.A; Ferraro, S.; Cespi, M.; Bonacucina, G.; Minicucci M.; Di Cicco, A. **Exfoliation of graphite into graphene in aqueous solution: an application as graphene/TiO₂ nanocomposite to improve visible light photocatalytic activity.** *RSC Advances* 2016, 6, 93048-93055. DOI: [10.1039/C6RA07617C](https://doi.org/10.1039/C6RA07617C)
9. Giovannetti, R.; Rommozzi, E.; **Zannotti, M.**; D'Amato, C. A. *Catalysts*, 2017, 7, 305 **Recent advances on Graphene based TiO₂ Nanocomposites (GTiO₂Ns) for Photocatalytic Degradation of Synthetic Dyes**, doi:[10.3390/catal7100305](https://doi.org/10.3390/catal7100305)
10. **Zannotti, M.**; Giovannetti, R.; Minofar, B.; Řeha, D.; Plačková, L.; D'Amato, C.A.; Rommozzi, E.; V. Dudko, H; Kari, N. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, 133 (2018) 235-248 **Aggregation and metal-complexation behaviour of THPP porphyrin in ethanol/water solutions as function of pH**, <https://doi.org/10.1016/j.saa.2017.12.021>
11. D'Amato, C.A.; Giovannetti, R., **Zannotti, M.**; Rommozzi, E.; Ferraro, S.; Seghetti, C.; Minicucci, M.; Gunnello, R.; Di Cicco, A. *Applied Surface Science* 441 (2018) 575-587 **Enhancement of visible-light photoactivity by polypropylene coated plasmonic Au/TiO₂ for dye degradation in water solution** <https://doi.org/10.1016/j.apsusc.2018.01.290>
12. D'Amato, C.A.; Giovannetti, R., **Zannotti, M.**; Rommozzi, E.; Ferraro, S.; Minicucci, M.; Gunnello, R.; Di Cicco, A. *Nanomaterials*, 2018, 9, 599 **Band Gap Implications on Nano-TiO₂ Surface Modification with Ascorbic Acid for Visible Light-Active Polypropylene Coated Photocatalyst.**
doi: [10.3390/nano8080599](https://doi.org/10.3390/nano8080599).
13. Rommozzi, E.; **Zannotti, M.**; Giovannetti, R.; D'Amato, C.A.; Ferraro, S.; Minicucci, M.; Gunnella, R.; Di Cicco, A. *Catalysts*, 2018, 8, 598 **Reduced Graphene Oxide/TiO₂ Nanocomposite: From Synthesis to Characterization for Efficient Visible Light Photocatalytic Applications.**
doi: [10.3390/catal8120598](https://doi.org/10.3390/catal8120598)
14. **Zannotti, M.**; Benazzi, E.; Stevens, L. A.; Minicucci, M.; Bruce, L.; Snape, C. E.; Gibson, E. A.; Giovannetti, R.; *ACS Appl. Energy Mater.* 2019, 2,10, 7345-7353 **Reduced Graphene Oxide-NiO Photocathodes for p-Type Dye-Sensitized Solar Cells.**
<https://doi.org/10.1021/acsaelm.9b01323>

15. **Zannotti, M.**; Rossi, A.; Giovannetti, R.; *Coatings* 2020, 10(3), 288 **SERS activity of silver nanosphere, triangular nanoplates, hexagonal nanoplates and quasi-spherical nanoparticles: effect of shape and morphology.** <https://doi.org/10.3390/coatings10030288>
16. **Zannotti, M.**; Vicomandi, V.; Rossi, A.; Minicucci, M.; Ferraro, S.; Petetta L.; Giovannetti, R.; *Journal of Molecular Liquids*, 2020, 309, 113238 **Tuning of hydrogen peroxide etching during the synthesis of silver nanoparticles. An application of triangular nanoplates as plasmonsensors for Hg²⁺ in aqueous solution** <https://doi.org/10.1016/j.molliq.2020.113238>
17. Gigliobianco, M. R.; Campisi, B.; Peregrina, D. V.; Censi, R.; Khamitova, G.; Angeloni, S.; Caprioli, G.; **Zannotti, M.**; Ferraro, S.; Giovannetti, R.; Angeloni, C.; Lupidi, G.; Pruccoli, L.; Tarozzi, A.; Voinovich, D.; Di Martino, P. *Antioxidants* 2020, 9, 370 **Optimization of the Extraction from Spent Coffee Grounds Using the Desirability Approach** doi:[10.3390/antiox9050370](https://doi.org/10.3390/antiox9050370)
18. Kari, N.; **Zannotti, M.**; Mamtnin, G.; Giovannetti, R.; Minofar, B.; Reha, D.; Maimaiti, P.; Kutilike, B.; Yimit, A. *Materials* 2020, 13, 5613 **Substituent Effect on Porphyrin Film-Gas Interaction by Optical Waveguide: Spectrum Analysis and Molecular Dynamic Simulation.** <https://doi.org/10.3390/ma13245613>
19. Kazim, S.; Gunnella, R.; **Zannotti, M.**; Giovannetti, R.; Klimczuk, T.; Ottaviano, L. *J. Microscopy* 2021, 1-6 **Determination of the refractive index and wavelength-dependent optical properties of few-layer CrCl₃ within the Fresnel formalism.** DOI:[10.1111/jmi.13015](https://doi.org/10.1111/jmi.13015)
20. Gambelli, A.M.; Tinivella, U.; Giovannetti, R.; Castellani, B; Giustiniani, M.; Rossi, A.; **Zannotti, M.**; Rossi, F. *Energies* 2021, 14(7), 1803 **Observation of the Main Natural Parameters Influencing the Formation of Gas Hydrates** <https://doi.org/10.3390/en14071803>
21. Sindura John, M.; Amruthray Nagoth, J.; **Zannotti, M.**; Giovannetti, R.; Mancini, A.; Oriyan Ramasamy, K.; Miceli, C.; Pucciarelli, S. *Mar. Drugs* 2021, 19(5), 263 **Biogenic Synthesis of Copper Nanoparticles Using Bacterial Strains Isolated from an Antarctic Consortium Associated to a Psychrophilic Marine Ciliate: Characterization and Potential Application as Antimicrobial Agents** <https://doi.org/10.3390/md19050263>
22. Kari, N.; **Zannotti, M.**; Giovannetti, R.; Maimaiti, P.; Nizamidin, P.; Abliz, S.; Yimit, A. *Nanomaterials* 2021, 11(7), 1634 **Sensing Behavior of Metal-Free Porphyrin and Zinc Phthalocyanine Thin Film towards Xylene-Styrene and HCl Vapors in Planar Optical Waveguide** <https://doi.org/10.3390/nano11071634>
23. Rossi, A.; Zannotti, M.; Cuccioloni, M.; Minicucci, M.; Petetta, L.; Angeletti, M.; Giovannetti, R. *Nanomaterials* 2021, 11(7), 1733 **Silver Nanoparticle-Based Sensor for the Selective Detection of Nickel Ions** <https://doi.org/10.3390/nano11071733>

Research projects participation

Master

FAR 2015-2017: NAMES Nanocomposite Materials for Energy and environment applicationS, University of Camerino. Development of nano-semiconductor based on graphene material for water depuration by photocatalysis and solar cells, with the synthesis of reduced Graphene Oxide by green methodologies.

Master “ESPERTO AMBIENTALE”, TuttoAmbiente, Bologna 14 October- 2 December 2016.

Presentations

Speaker at Salone Europeo della Ricerca di Trieste (26-28 September 2014) with the talk : MASSIMIZZARE L’ENERGIA ACQUISITA DA NANOPARTICELLE: SOLE, COLORE E NANOMATERIALI = ENERGIA.

Conferences and Poster presentations

ISOC 2013, 9th International School of Organometallic Chemistry, 30th August- 3rd September 2013, Camerino (MC), Sensitization of monolayer transparent TiO₂ thin films with metal-porphyrin dyes for DSSC applications. Equilibrium and kinetic aspects. **M. Zannotti, C. A. D’Amato, R. Giovannetti. <http://hdl.handle.net/11581/287030>**

International Conference on Diamond and Carbon Materials, 2-5 September 2013, Riva del Garda (TN), Interaction of Porphyrins with Carbon Nanotubes, **M. Zannotti, R. Giovannetti, R. Gunnella, L. Petetta, S. Ferraro. <http://hdl.handle.net/11581/287031>**

XXIV Congresso della divisione di Chimica Analitica, 15-19 September, Sestri Levante (GE), **Oxygen transfer in a gas-liquid system : kinetic influence of water salinity , M. Zannotti**, R. Giovannetti, S. Ferraro, S. Piccinini, ISBN 9788890767012. <http://hdl.handle.net/11581/361186>

FNMA '14, 1-5 September 2014, Camerino (MC), **Porphyrins functionalized MWCNTs and their interaction with TiO₂ nanoparticles surface**. R. Giovannetti, **M. Zannotti**, C. A. D'Amato, E. Rommozzi, S. Ferraro, ISBN 978-83-937979-0-5. <http://hdl.handle.net/11581/361186>

FNMA '14, 1-5 September 2014, Camerino (MC), **Characterization and environmental application of Polypropylene coated nano-TiO₂ in wastewaters**, R. Giovannetti, C. A. D'Amato, E. Rommozzi, **M. Zannotti**, M. Minicucci, R. Gunnella, ISBN 978-83-937979-0-5. <http://hdl.handle.net/11581/361183>

4th Scientific Day of the School of Science and Technology, 11th June 2014, Camerino (MC), **Optimization of Photocathode for Tandem-Dye Solar Cell**, **M. Zannotti**, E. Gibson, R. Giovannetti, C. Wood, G. Summers ISBN: 9788867680177. <http://hdl.handle.net/11581/327985>

4th Scientific Day of the School of Science and Technology, 11th June 2014, Camerino (MC), **Optimization of Photocathode for Tandem-Dye Solar Cell**, **M. Zannotti**, M. Zannotti; R. Giovannetti; S. Ferraro; S. Piccinini ISBN: 9788867680177. <http://hdl.handle.net/11581/327984>

SPEA 8, 8th European Meeting on Solar chemistry and Photocatalysis: environmental applications, 25-28 June 2014, Thessaloniki, Greece. **Visible light photoactivity of polypropylene coted Nano-TiO₂ for dyes degradation**, C. A. D'amato, E. Rommozzi, **M. Zannotti**, R. Giovannetti. <http://hdl.handle.net/11581/327981>

SPEA 8, 8th European Meeting on Solar chemistry and Photocatalysis: environmental applications, 25-28 June 2014, Thessaloniki, Greece. **Kinetic Model of photocatalytic Degradation of Alizarin Red-S Polypropylene coated nano-TiO₂**, C. A. D'amato, E. Rommozzi, **M. Zannotti**, R. Giovannetti, S. Ferraro. <http://hdl.handle.net/11581/327982>

XXV Congresso Nazionale di Chimica Analitica, 7-12 September 2014, Arcavacata di Rende, **Equilibrium and kinetic aspects in photoactivity of Polypropilene coated Nano-TiO₂**, C. A. D'Amato, E. Rommozzi, **M. Zannotti**, R. Giovannetti. <http://hdl.handle.net/11581/360981>

GraphITA 2015, 14-18 September 2015, Bologna, **Graphene/TiO₂ Nanocomposite for Efficient Visible-Light Photocatalysis: Synthesis, Characterization and Photocatalytic Applications**. E. Rommozzi, R. Giovannetti, **M. Zannotti**, C. A. D'Amato, S. Ferraro, M. Minicucci. <http://hdl.handle.net/11581/392138>

5th Scientific Day of School of Science and Technology, UNICAM 2016, 08 June 2016, Camerino (MC), **From TiO₂ and Graphite to Graphene doped TiO₂ for photocatalytic applications**. E. Rommozzi, R. Giovannetti, **M. Zannotti**, C. A. D'Amato, S. Ferraro, M. Minicucci, M. Cespi, G. Bonacucina, A. Di Cicco. ISBN: 9788867680269. <http://hdl.handle.net/11581/391701>

6th Scientific Day of School of Science and Technology, UNICAM 2016, 28 September 2018, Camerino (MC), **Graphene doped nickel oxide for solar conversion**. **M. Zannotti**, R. Giovannetti, C.A. D'Amato, E. Rommozzi, R. Gunnella, M. Minicucci, A. Di Cicco, E.A. Gibson, L. Bruce ISBN: 9788867680368

XXVIII Congresso della divisione di Chimica Analitica, 22-26 September 2019, Bari, **Silver nanoparticles plasmonic sensor for the detection of mercury ions (Hg²⁺) in aqueous medium**, **M. Zannotti**, R. Giovannetti, S. Ferraro ISBN: 978-88-94952-10-0 ©Società Chimica Italiana 2019

20th CIRIAF National Congress Sustainable Development, Human Health and Environmental Protection, 16-17 April 2020, Perugia, **Temperature and salinity effects on the Raman OH-stretching vibration bands of water: starting point to know hydrate occupancy and unreacted water in the gas hydrates**, A.Rossi, M. Minicucci, **M. Zannotti**, F. Nobili, A. Di Cicco, R. Giovannetti

20th CIRIAF National Congress Sustainable Development, Human Health and Environmental Protection, 16-17 April 2020, Perugia, **Chemical characterization of water present in the natural marine sediment samples containing gas hydrates**, A.Rossi, S. Ferraro, L. Petetta, **M. Zannotti**, R. Giovannetti

Seminars

"FREE HPLC/UHPLC Method Development Seminar", Phenomenex; Bologna 11th October 2011.

"Web Training@Unicam2012", University of Camerino, Camerino, 16-17-19-20 July, 2012.

"English for writing research papers", University of Camerino, Camerino, 18-19-20 June, 2012.

"Communication of science to public", part 2 – how to write a scientific article for the general public , University of Camerino, 28th June.

"International Conference on Perovskite Solar Cells and Optoelectronics (PSCO-2015)" Lausanne, Switzerland, between the 27th to 29th September 2015.

"Materials for Sodium-ion batteries", University of Camerino, 03rd March 2016.

7° CORSO NAZIONALE DI INTRODUZIONE ALLA FOTOCHEMICA, University of Bologna, 06-10 June 2016.

Scuola di Chemiometria, ANALISI MULTIVARIATA, Università degli studi di Genova, 21-25 Settembre 2020

Teaching activity	Contract professor	2014 → 2021
	A.A. 2014/2015: [ST0105] ENVIRONMENTAL CHEMISTRY (GEOENVIRONMENTAL RESOURCES AND RISKS) 3CFU, 30 ore	
	A.A. 2015/2016: [ST0105] ENVIRONMENTAL CHEMISTRY (GEOENVIRONMENTAL RESOURCES AND RISKS) 3CFU, 30 ore	
	A.A. 2016/2017: [ST0105] ENVIRONMENTAL CHEMISTRY (GEOENVIRONMENTAL RESOURCES AND RISKS) 6CFU, 42 ore	
	A.A. 2017/2018: [ST0105] ENVIRONMENTAL CHEMISTRY (GEOENVIRONMENTAL RESOURCES AND RISKS) 6CFU, 42 ore	
	A.A. 2018/2019: [ST0105] ENVIRONMENTAL CHEMISTRY (GEOENVIRONMENTAL RESOURCES AND RISKS) 6CFU, 42 ore	
	A.A. 2019/2020: [ST0105] ENVIRONMENTAL CHEMISTRY (GEOENVIRONMENTAL RESOURCES AND RISKS) 6CFU, 42 ore	
	A.A. 2020/2021: [ST0105] ENVIRONMENTAL CHEMISTRY (GEOENVIRONMENTAL RESOURCES AND RISKS) 6CFU, 42 ore	
	A.A. 2021/2022: [ST0105] ENVIRONMENTAL CHEMISTRY (GEOENVIRONMENTAL RESOURCES AND RISKS) 6CFU, 42 ore	
	A.A. 2016/2017: [ST0192] ENVIRONMENTAL CHEMISTRY AND LABORATORY (CHEMISTRY AND ADVANCED CHEMICAL METHODOLOGIES) 6 CFU, 42 ore	
	A.A. 2020/2021: [ST0192] ENVIRONMENTAL CHEMISTRY AND LABORATORY (CHEMISTRY AND ADVANCED CHEMICAL METHODOLOGIES) 2CFU	
	A.A. 2021/2022: [ST0192] ENVIRONMENTAL CHEMISTRY AND LABORATORY (CHEMISTRY AND ADVANCED CHEMICAL METHODOLOGIES) 2CFU	
	Co-Supervisor of Master and Bachelor's Degree's	2013→2022