CURRICULUM VITAE

PERSONAL INFORMATION

Name: Francisca Aparicio

E-mail address: faparicio@inifta.unlp.edu.ar – franciscaparicio@gmail.com

ACADEMIC BACKGROUND

2015-2019

PhD. in Chemistry (UNLP) & Material Sciences (UNITO)

Thesis: "Obtaining Magnetic Nanoparticles as low-cost photocatalysts for water treatments"

Supervisors: Dr. Daniel Mártire (UNLP)& Dr. Luciano Carlos (UNCo) by the Argentinian part; and Dr. Giuliana Magnacca (UNITO) by the Italian part.

2007-2015

UNIVERSITARY DEGREE

National University of La Plata (UNLP)

Address: 115 y 47 s/n, La Plata, CP 1900 - Argentina

Web: http://www.exactas.unlp.edu.ar/

Degree: Graduated in Chemistry (5-year degree)

CURRENT POSITION

Posdoctoral Fellow at Nanoelectrocatalysis group (NEC) INIFTA

Topic: Study of thiol adsorption and ligand exchange reaction on Ag surfaces (111)
Scientific Interests: Ag NPs, Ag surfaces, XPS characterization, UPD, Surface chemistry.

Graduate Teaching Assistant (GTA) in Physical Chemistry at Department of Chemistry - UNLP

FELLOWSHIPS

2019 - Present

Post doctoral position – ANPCyT (Arg)
Supervisors: Dr. Doris Grumelli /Dr. Benítez Guillermo
Workplace: INIFTA, (UNLP-CONICET), La Plata, Buenos Aires, Argentina.
By contest: **??**

2015-2019

DOCTORAL INTERNAL FELLOWSHIP CONICET
Supervisors: Dr. Daniel Mártire (UNLP) & Dr. Luciano Carlos (UNCo)
Workplace: INIFTA, UNLP-CONICET
By contest: Yes

LAST PUBLICATIONS, CONFERENCES AND SYMPOSIA

2020 — Treatment of real non-biodegradable wastewater: Feasibility analysis of zero-valent iron/H_2O_2 process. Ramos, P.; Vitale, P.; Barreto, G.; **Aparicio, F.**; Dublan, M.A.; Eyler, G. Journal of Environmental Chemical Engineering Volume 8, Issue 4, August 2020, 103954.

2019 — Carbamazepine Degradation Mediated by Light in the Presence of Humic Substances-Coated Magnetite Nanoparticles. **Aparicio, F.**; Escalada, J.P.; De Gerónimo, E.; Aparicio, V.C.; García Einschlag, F.S.; Magnacca, G.; Carlos, L.; Mártire, D.O. Nanomaterials 2019, 9, 1379.

2019 — *Biocompost to be use in asphalt modification: rheologic characterization*
Type: Oral presentation
Event: XIII SAP – Simposio Argentino de Polímeros– Buenos Aires, Argentina.

2019 — Novel Magnetic Iron-Copper Nanocomposites as Photocatalysts for As(III) Oxidation
Type: Poster
Event: XIV ELAFOT - Encuentro Latinoamericano de Fotoquímica y Fotobiología, Viña del Mar, Chile.

2019 — Characterization of magnetic photocatalyst with environmental applications
Type: Poster
Event: XIV ELAFOT - Encuentro Latinoamericano de Fotoquímica y Fotobiología, Viña del Mar, Chile.

2018 — Structural, optical and photocatalytic properties of zinc oxides obtained from spent alkaline batteries. Gallegos, M.V.; **Aparicio, F.**; Peluso, M.A.; Damonte, L.C.; Sambeth, J.E. Materials Research Bulletin, Volume 103, July 2018, Pages 158-165.

2017 — Magnetic composites as photocatalyts for Carbamazepine degradation
Type: Poster
Event: XIII ELAFOT Encuentro Latinoamericano de Fotoquímica y Fotobiología. Villa Carlos Paz, Córdoba, Argentina.

2017 — Magnetic Materials from urban solid wastes: a study of their properties & synthetic variables.
Type: Oral presentation
Event: *XX CAFQI Congreso Argentino de Fisicoquímica y Química Inorgánica. Villa Carlos Paz, Córdoba, Argentina.*