

1. Name and Academic Ranking

Diego Camilo Pradilla Ragua

Assistant Professor

2. Education

Doctor in Chemical Engineering. Norwegian University of Science and Technology – NTNU, Trondheim, Norway. (2016).

M. Sc Chemical Engineering. Universidad de los Andes. Colombia. (2013).

Chemical Engineering. Universidad de los Andes (2009).

3. Academic Experience

Assistant Professor 2016- Present. Full Time

Teacher Assistant 2009-2013. Full Time

4. Certifications or professional registrations

Colombia, Professional Card # 12713

5. Current membership in professional organizations

AIChE, American institute of Chemical Engineers - Senior Member, 2011 – Present

Chemical Engineering Professional Council – Member

6. Service Activities

National or International Panels and committees:

Chemical Engineering, Universidad de los Andes, Research Group Committee -GDPP (Grupo de Diseño de Productos y Procesos). Member 2009 – Present

Chemical Engineering, Universidad de los Andes, Strategic Planning Committee, 2016 – Present

7. Main Publications - Last Five Years

Alvarez O, Vargas W, Pradilla D. (2014) The application of a multi-scale approach to the manufacture of concentrated and highly concentrated emulsions. *Chemical Engineering Research and Design* (ISSN 0263-8762) 95 (N/A), pp. 162-172.

Pradilla D, Simon S, Sjöblom J. (2014) Mixed interfaces of asphaltenes and model demulsifiers part I: Adsorption and desorption of single components. *Colloids and Surfaces A: Physicochemical and Engineering Aspects* (ISSN 0927-7757) 466 (Na), pp. 45-56.

Pradilla D, Simon S, Sjöblom J. (2015) Mixed Interfaces of Asphaltenes and Model Demulsifiers, Part II: Study of Desorption Mechanisms at Liquid/Liquid Interfaces. *Energy & Fuels* (ISSN 0887-0624) 29 (Na), pp. 5507-5518.

Pradilla D, Simon S, Sjöblom J, Samaniuk J, Skrzypiec M, Vermant J. (2016) Sorption and Interfacial Rheology Study of Model Asphaltene Compounds. *Langmuir : the ACS journal of surfaces and colloids* (ISSN 0743-7463) 32 (Na), pp. 2900-2911.

Pradilla D, Subramanian S, Simon S, Sjöblom J. (2016) Microcalorimetry Study of the Adsorption of Asphaltenes and Asphaltene Model Compounds at the Liquid–Solid Surface. *Langmuir : the ACS journal of surfaces and colloids* (ISSN 0743-7463) 32 (Na), pp. 7294-7305.

8. Professional Development Activities

Pneumatic Conveying of Bulk Solids Course, American Institute of Chemical Engineers
Houston, TX, USA, 2016

Dispersions in Liquids: Suspensions, Emulsions, and Foams Course of American Chemical
Society Houston, TX, USA, 2016