

Silanization effect on the PL characteristics of crystalline and amorphous silicon nanoparticles.

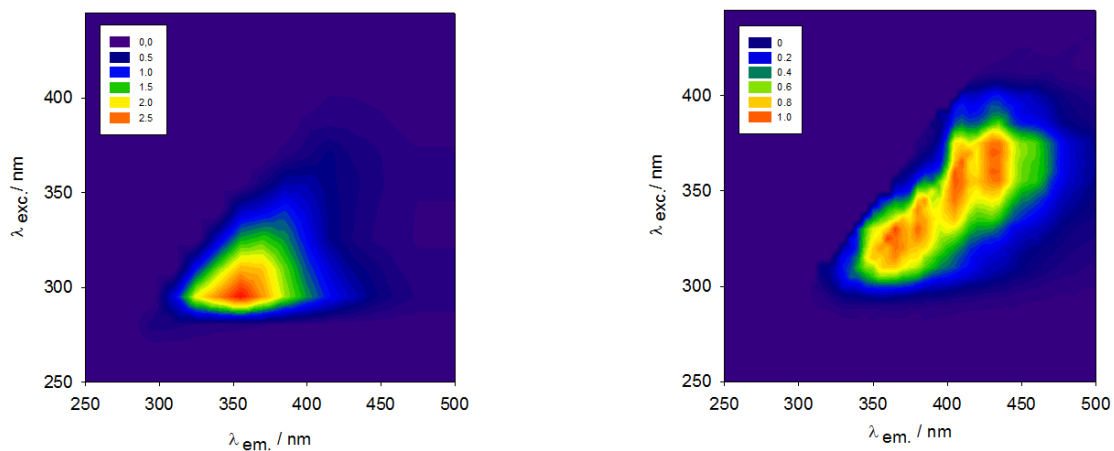
Supplementary data.

Paula Caregnato^{*}, Maria Laura Dell'Arciprete and Mónica Cristina Gonzalez.

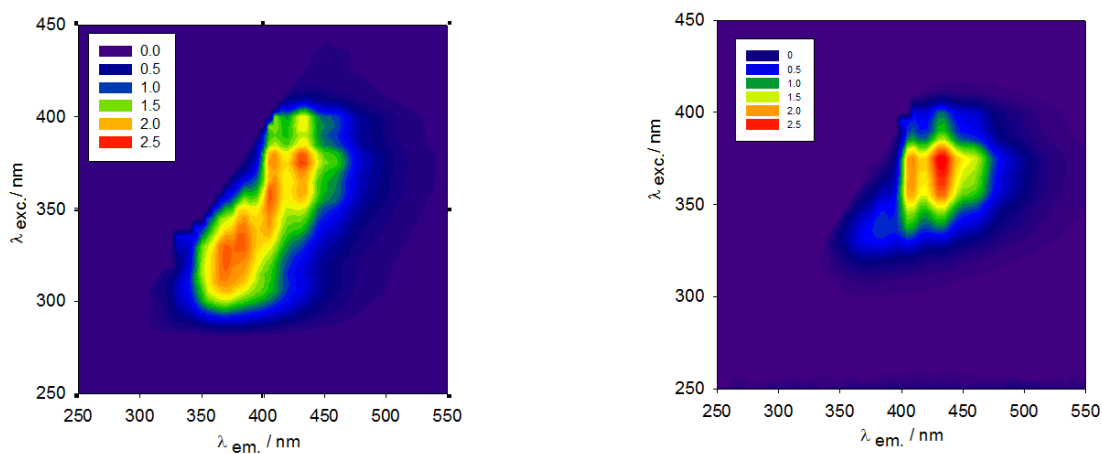
*Instituto de Investigaciones Fisicoquímicas Teóricas y Aplicadas (INIFTA)
Facultad de Ciencias Exactas. Universidad Nacional de la Plata. C.C. 16, suc. 4, (1900) La
Plata, Argentina.*

* caregnato@inifta.unlp.edu.ar, Telephone: +54-221-4257430, Fax: +54-221-4254642
Postal address: INIFTA, C.C. 16, suc. 4, (1900) La Plata, Argentina.

Supplementary data. Figure 1. Excitation-emission matrix of toluene suspensions of P*Si*-NP (left graph) and P*Si*-NP-SH (right graph).



Supplementary data. Figure 2. Excitation-emission matrix of toluene suspensions of Si-NP (left graph) and Si-NP-SH (right graph).



Supplementary data. Figure 3. Time-resolved anisotropy experiments of toluene suspensions of PSi-NP (left figure) and PSi-NP-SH (right figure) obtained at 341 nm excitation and 380 nm emission detection. Grey lines correspond to the time profile $r(t) = r_0 \times \exp(-t/\theta)$. The fitting parameters of each curve are depicted in the respective insets.

