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► **To cite this version:**

Cloé Veclin, Cloé Desmet, Alice Pradel, Andrea Valsesia, Jessica Ponti, et al.. Effect of the Surface Hydrophobicity–Morphology–Functionality of Nanoplastics on Their Homoaggregation in Seawater. ACS ES&T Water, 2022, 2 (1), pp.88-95. 10.1021/acsestwater.1c00263 . insu-03509225

**HAL Id: insu-03509225**

**<https://insu.hal.science/insu-03509225>**

Submitted on 4 Jan 2022

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# Effect of the surface hydrophobicity-morphology-functionality of nanoplastics on their homo-aggregation in seawater

Cloé Veclin<sup>a</sup>, Cloé Desmet<sup>b</sup>, Alice Pradel<sup>c, d</sup>, Andrea Valsesia<sup>b</sup>, Jessica Ponti<sup>b</sup>, Hind El Hadri<sup>a</sup>, Thomas Maupas<sup>a</sup>, Virginie Pellerin<sup>a</sup>, Julien Gigault<sup>d</sup>, Bruno Grassl<sup>a\*</sup>, Stéphanie Reynaud<sup>a</sup>

<sup>a</sup> IPREM, Université de Pau et des Pays de l'Adour, E2S UPPA, CNRS, IPREM, Pau, France

<sup>b</sup> European Commission Joint Research Centre (JRC), 21027 Ispra, Italy

<sup>c</sup> Géosciences Rennes, UMR 6118, CNRS – Université de Rennes 1, Av. Général Leclerc, Campus de Beaulieu, 35000 France

<sup>d</sup> TAKUVIK Laboratory, CNRS/Université Laval, 1045, av. de la Médecine, Québec (Québec) G1V 0A6 Canada

\* [bruno.grassl@univ-pau.fr](mailto:bruno.grassl@univ-pau.fr)

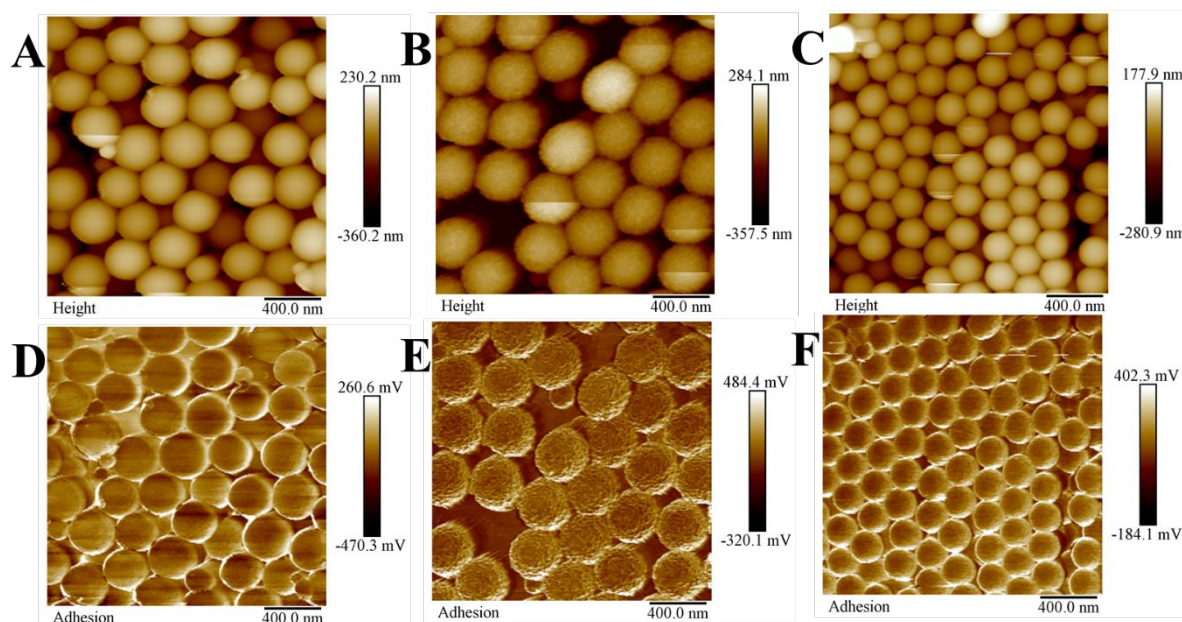


Figure S1: A, B, C: AFM topography images of PS9-AA, PS22-AA and PS22-MAA films with their particle size; D, E, F, adhesion images of PS9-AA, PS22-AA and PS22-MAA respectively.

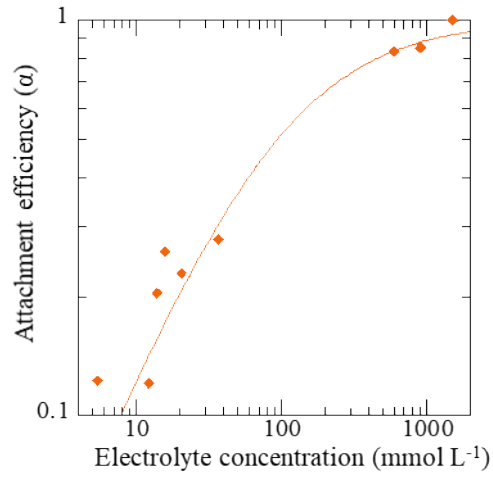


Figure S2: Attachment efficiency as function of electrolyte concentration of PS-m. The line represents empirical fitting to equation 1.

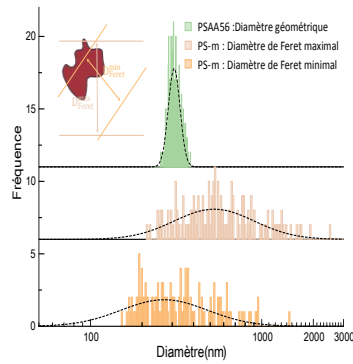


Figure S3 : Size distribution of (●) geometric diameter of spherical model nanoplastics (PSAA56), maximum (●) and minimum (●) F eret diameter of polymorphic nanoplastics (PS-m)