

Supplementary information

Photoinduced Electron Transfer in Multilayer Self-Assembled Structures of Porphyrins and Porphyrin-Fullerene Dyads on ITO

Marja Isosomppi, Nikolai V. Tkachenko, Alexander Efimov, Kimmo Kaunisto, Kohei Hosomizu, Hiroshi Imahori and Helge Lemmetyinen

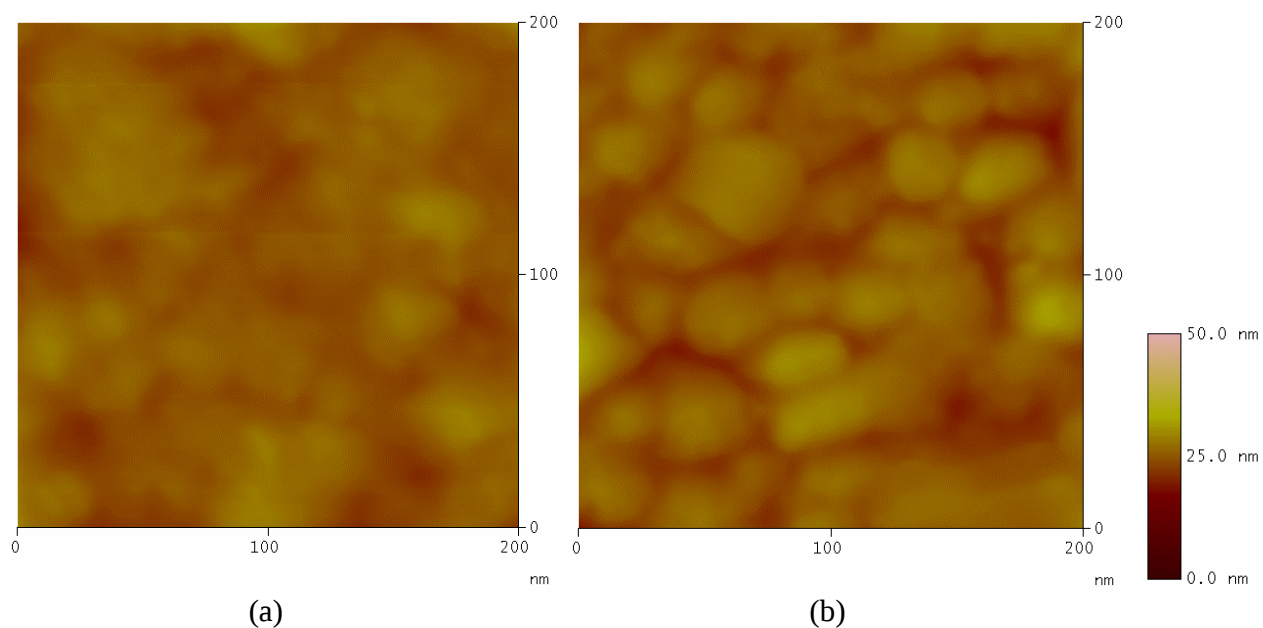


Fig. S 1 Atomic force micrographs images of (a) *cis*-ZnP and (b) *trans*-ZnP on ITO.

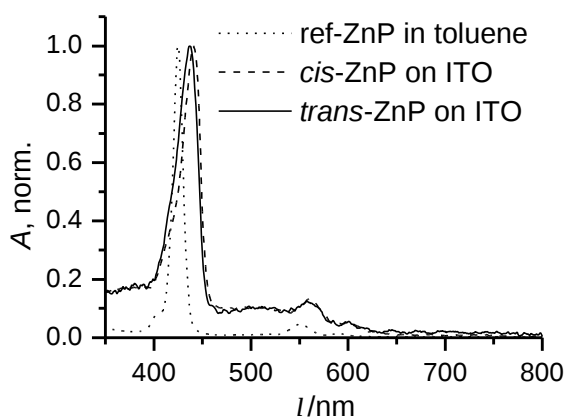
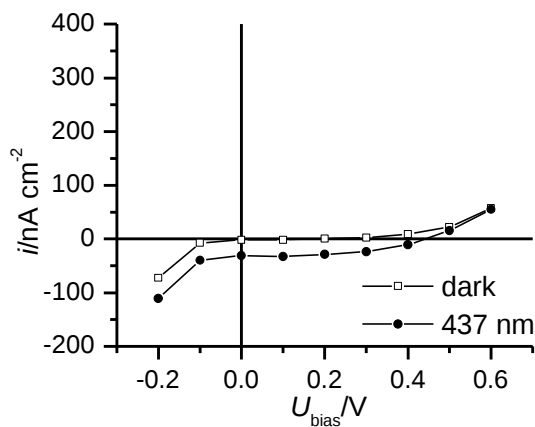
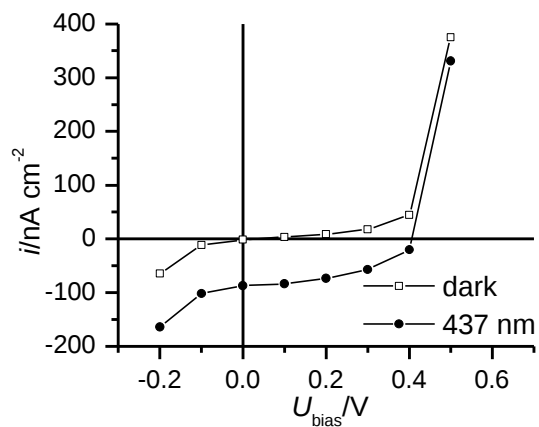


Fig. S 2 Normalized absorption spectra of ZnP SAMs on ITO and reference Zn porphyrin in toluene.

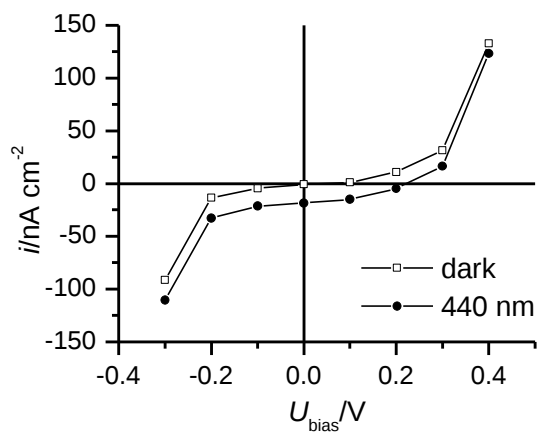


(a)

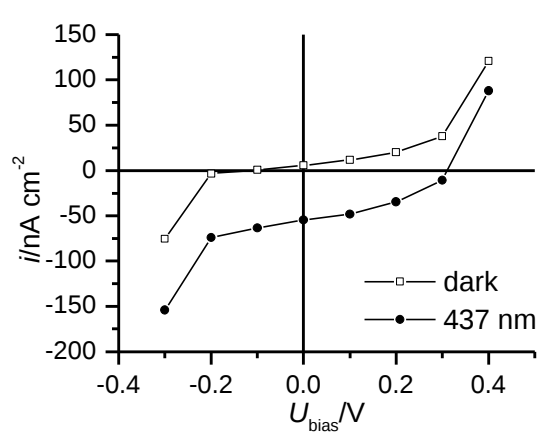


(b)

Fig. S 3 iV-curves of (a) **trans-ZnP** and (b) **trans-triad** in the presence of HV^{2+} .



(a)



(b)

Fig. S 4 iV-curves of (a) **cis-triad** and (b) **trans-triad** in the presence of TEA.

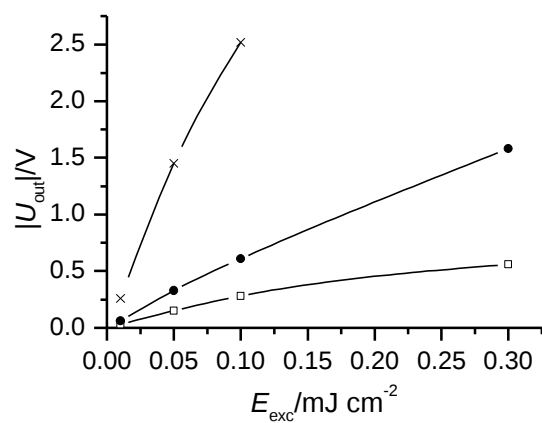


Fig. S 5 Dependence of the photovoltage response on the excitation light intensity for *cis-ZnP* (white squares), *cis-triad* (crosses) and *trans-triad* (black circles).