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An Atomistic Study of a Poly(styrene sulfonate)/Poly(diallyldimethylammonium) Bilayer: The Role of Surface Properties and Charge Reversal

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In Table S1, given are the average number of monomers adsorbed in the 1^{st} and 2^{nd} deposition cycles. The rinsed PSS monolayer was composing of the 1^{st} deposition cycle. For the 2^{nd} deposition cycle, only those monomers on strongly adsorbed PDADMA chains were taken into consideration. In the present work, a PDADMA chain is defined to be strongly adsorbed if at least one of its nitrogen atoms is located in the region of $z \leq 2.5\,\mathrm{nm}$ from the adsorbing surface (see Fig. 6 in the main text).

TABLE S1. Average number of adsorbed monomers in the $1^{st}/2^{nd}$ deposition cycle [a]

surface		$\langle N_{PSS} \rangle$	$\langle N_{PDADMA} \rangle$
P/H [b]	Q_s [c]		
P	0	64	86
P	16	84	69
P	36	76	75
H	0	60	74
H	16	76	75
H	36	88	82

[a] The standard deviations are less than 20% of the corresponding average values.

[b] P/H represents system with hydroxylated/non-hydroxylated adsorbing surface, respectively.

[c] Number of surface charges (in unit of e).