

Electronic supplementary information (ESI)

Layered assembly of alkoxy-substituted bis(trichlorosilanes) containing various organic bridges *via* hydrolysis of Si–Cl groups

Yasuhiro Fujimoto, Masaru Heishi, Atsushi Shimojima and Kazuyuki Kuroda

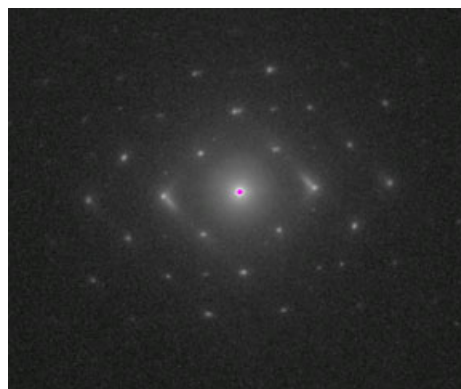


Fig. S1 ED pattern of **3H**.

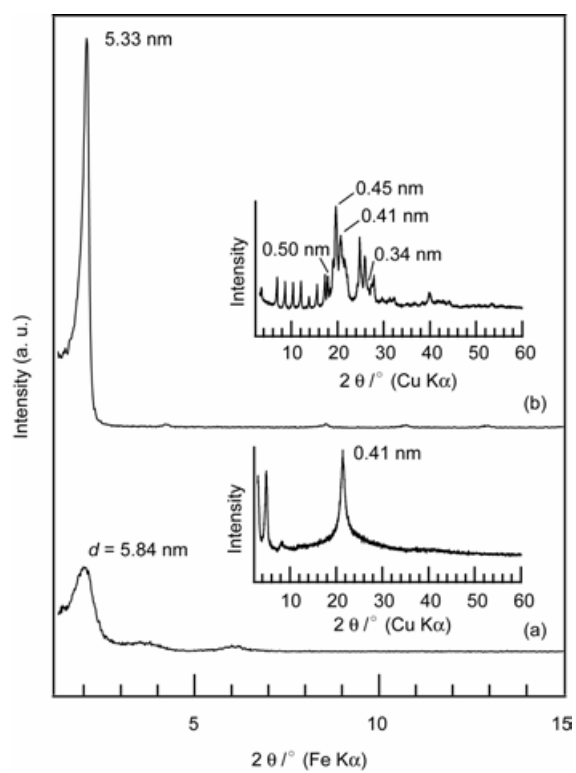


Fig. S2 XRD patterns of the precipitates obtained by cooling the hydrolyzed solutions of (a) **1** and (b) **3**. The insets show the XRD patterns of higher 2θ regions.

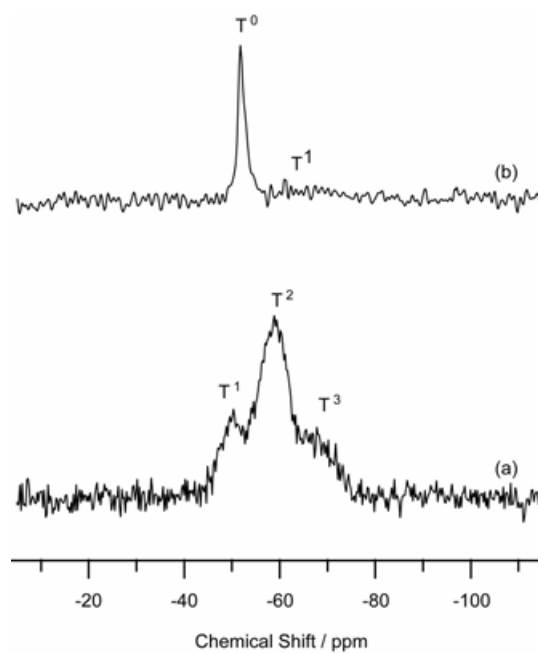


Fig. S3 Solid-state ^{29}Si MAS NMR spectra of the precipitates obtained by cooling the hydrolyzed solutions of (a) **1** and (b) **3**.

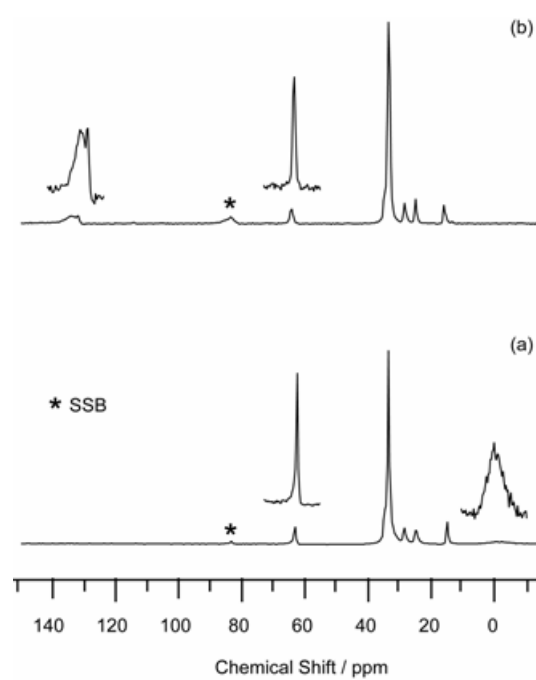


Fig. S4 Solid-state ^{13}C CP/MAS NMR spectra of the precipitates obtained by cooling the hydrolyzed solutions of (a) **1** and (b) **3**.

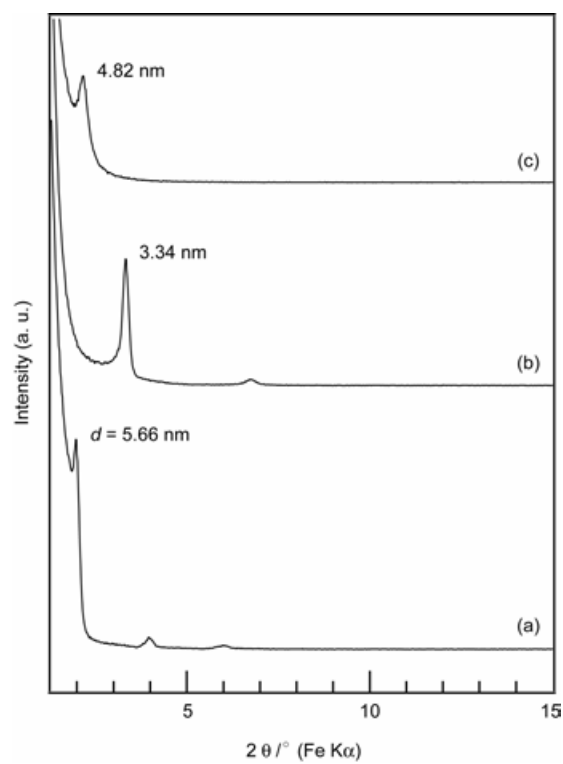


Fig. S5 XRD patterns of the thin films on glass substrates prepared by spin-coating the hydrolyzed solutions of (a) **1**, (b) **2**, and (c) **3**.