

ERRATA LIST

Page 19 line 11 *reads* chapter 2.1. It *should read* chapter 4.2.

Page 34 An addition text after the line 12: SiO₂ and TiO₂ QCM-D crystals from Q-Sense were used in QCM-D experiments with hemicelluloses. SiO₂ crystals were purified in UV ozonator (at least 10 min.). TiO₂ crystals were purified by keeping them under UV illumination (360 nm) at least 30 min.

Page 35 An addition text to the end of the page. Hydrophobized SiO₂ (H.fob. SiO₂) was prepared by silylation as described by Vigil et al. (the reference is found from Paper III).

Page 36 An addition after the line 6: Also ALD coated TiO₂ (TiO₂-ALD) were studied.

Page 59 table 7 third column. *Reads* mica 56 ± 1.2 mJ/m² and fluoropolymer 37 ± 0.7 mJ/m². It *should read* mica 58.5 ± 1.2 mJ/m² and fluoropolymer 37.9 ± 0.7 mJ/m².

Page 63 table 10 column 1 *reads* TiO₂. It *should read* TiO₂ - ALD

Backcover list of publications 1-16 are not printed. The correct list of publications can be found from PhD thesis by Minna Blomstedt 2007, Helsinki University of Technology.