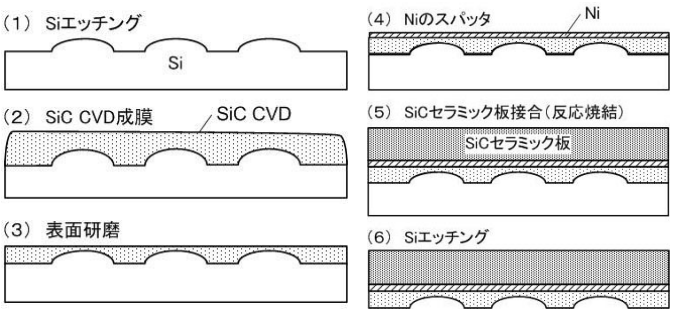
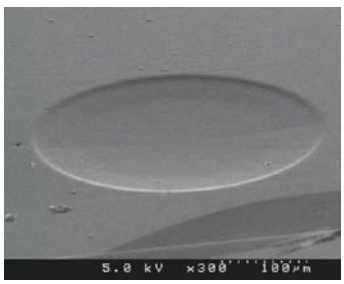
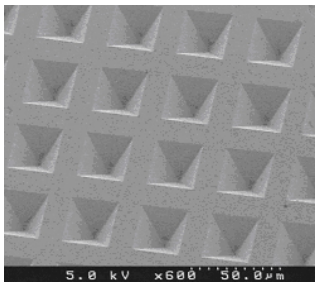
15 製造・検査・環境・安全関係 MEMS

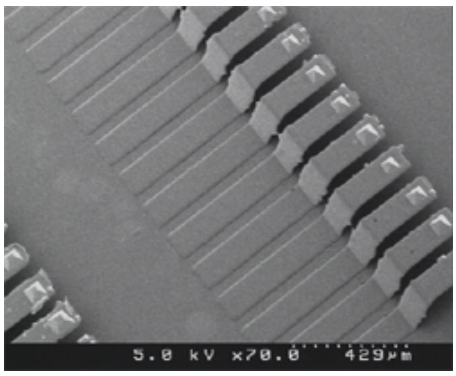


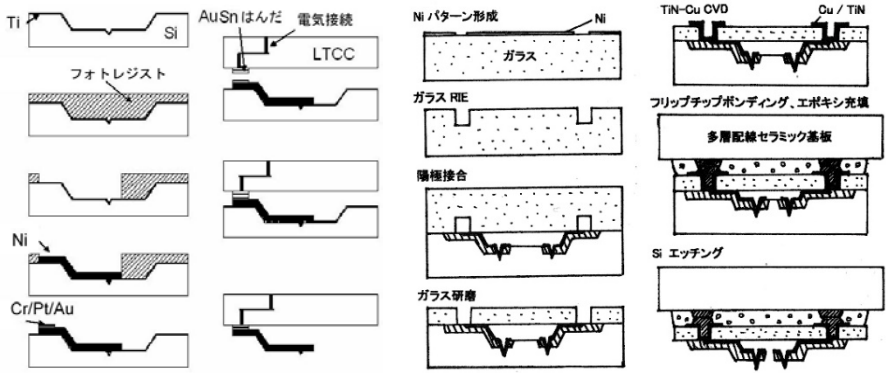




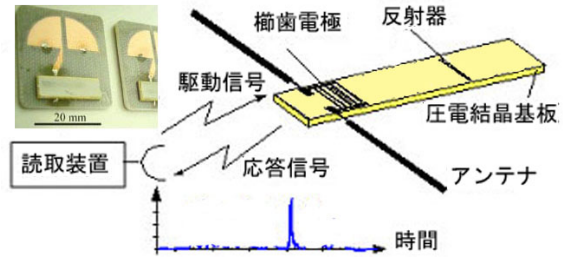
SiC モールド　　プレス成形したガラス

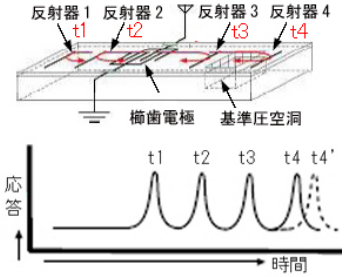
ガラスプレス成形用 SiC モールド（T.Itoh, J.of Microelectromechanical Systems, 15 (2006) 859）

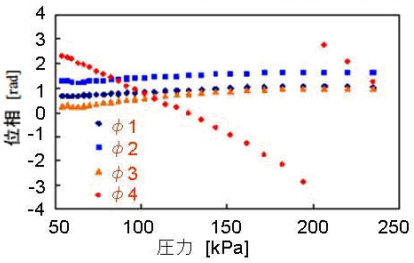




LSI ウェハ検査用プローブカード（S.-H.Choe et.al., IEEE Internl. Test Conf. 2007 (2007)）

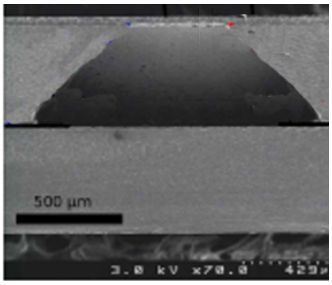


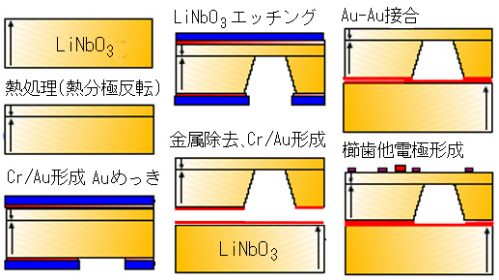


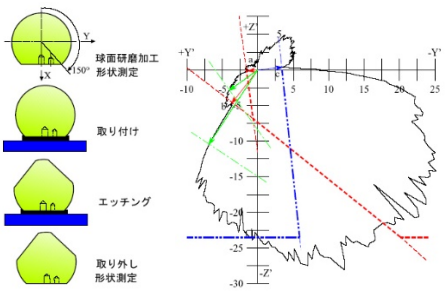


表面弾性波(SAW)ワイヤレスパッシブセンサ　　それを用いたタイヤ圧モニタ

(S.Hashimoto et.al (日産自動車), 電気学会論文誌E, 128-E (2008) 231)







$LiNbO_3$ダイアフラム、および熱分極反転と結晶異方性エッチングによる製作法　　$LiNbO_3$の結晶異方性エッチング

(A.B.Randles et.al, Jap. J. of Applied Physics, 46,45 (2007) L1099-1101)

(A.B.Randles et.al, IEEE Trans. on Ultrasonics, Ferroelectrrics, and Frequency Control, 57, 11 (2010) 2372-2380)