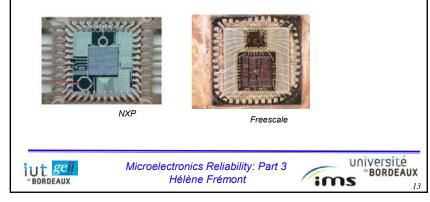
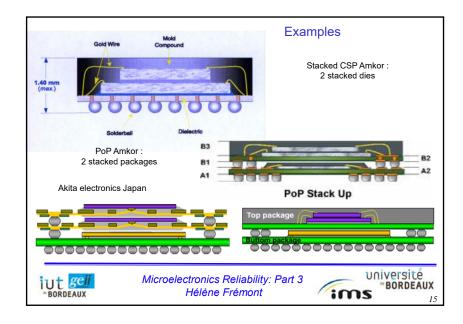
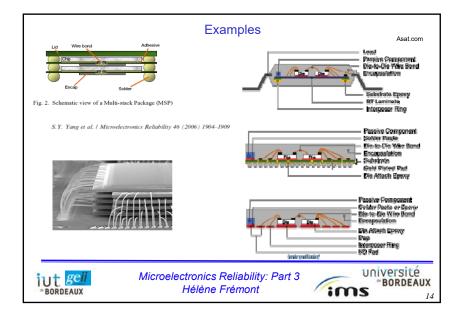


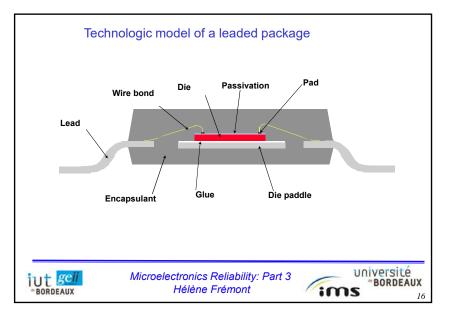
SiP

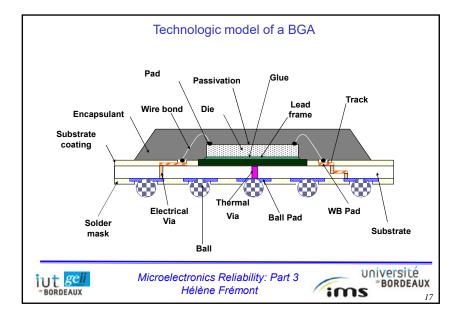
"System in Package is characterized by any combination of more than one active electronic component of different functionality plus optionally passives and other devices like MEMS or optical components assembled preferred into a single standard package that provides multiple functions associated with a system or sub-system."

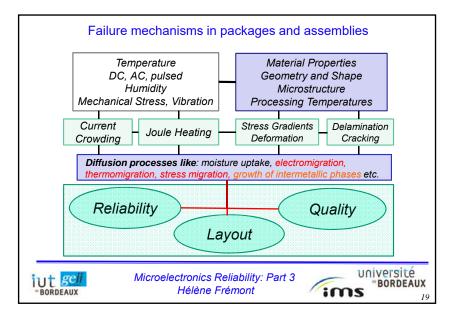


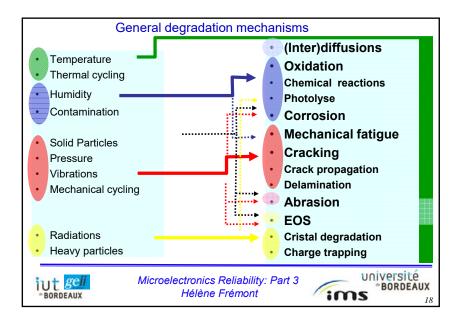


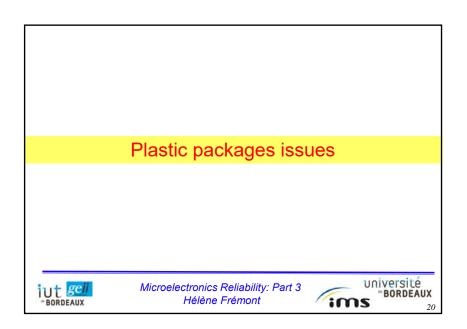


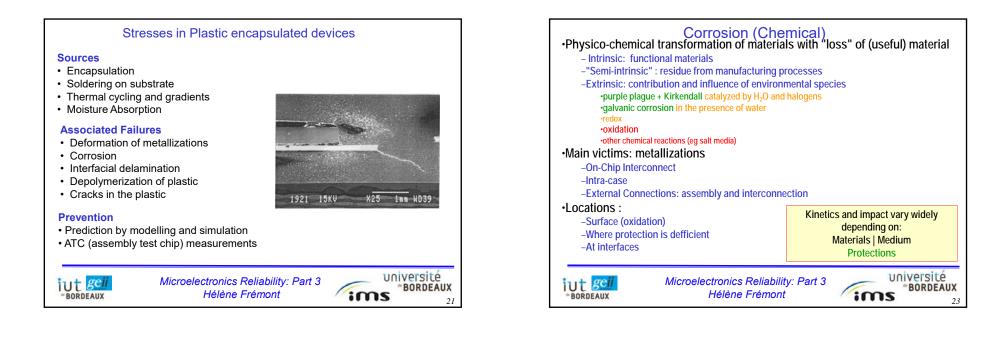


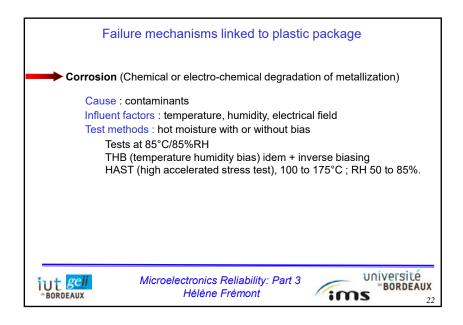


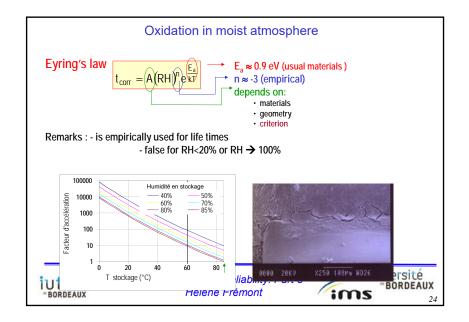


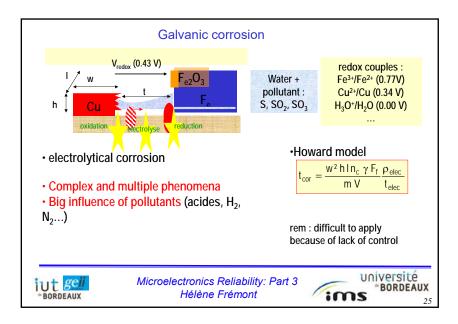


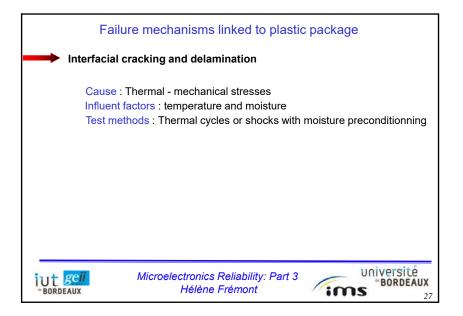


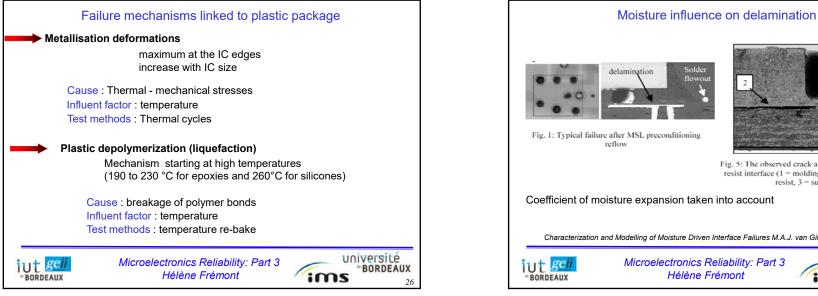












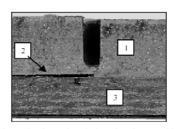


Fig. 5: The observed crack along the substrate-solder resist interface (1 = molding compound, 2 = solder resist, 3 = substrate.)

Coefficient of moisture expansion taken into account

Characterization and Modelling of Moisture Driven Interface Failures M.A.J. van Gils, et al ESREF 2004



