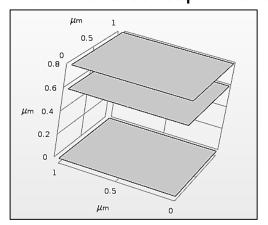
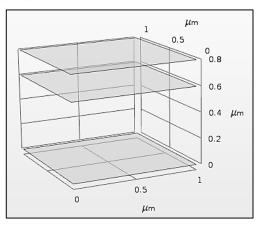
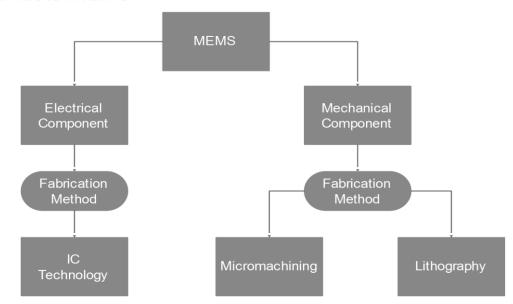
Work Plane concept in COMSOL

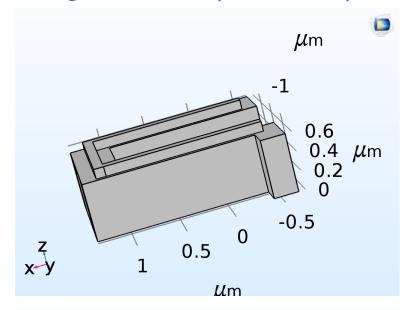


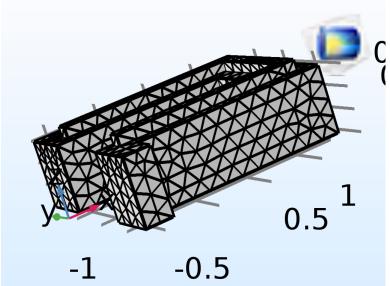


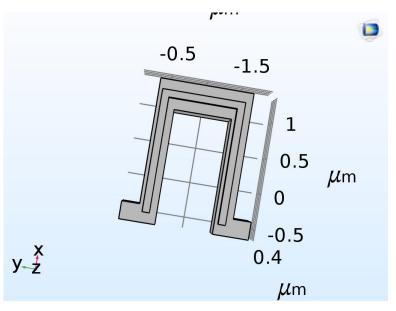
What is MEMS?

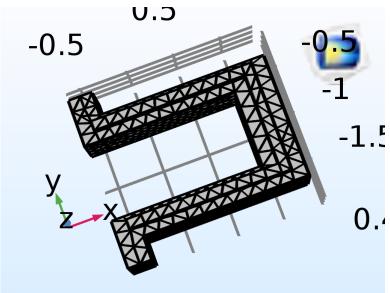


Design-1: Geometry of Thermally Actuated Micro mirror





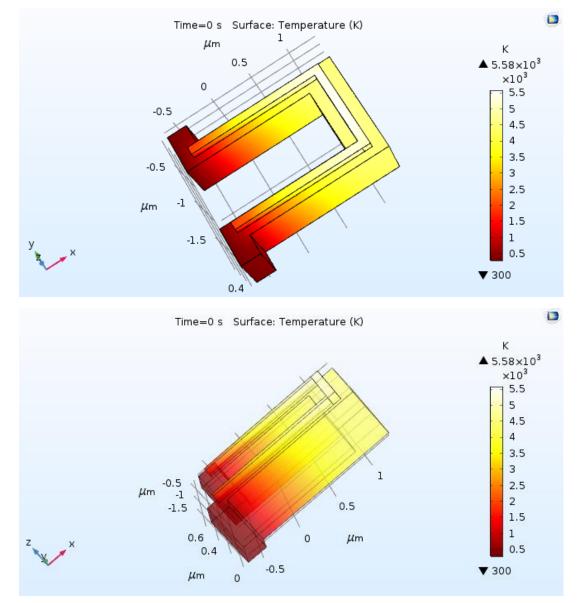




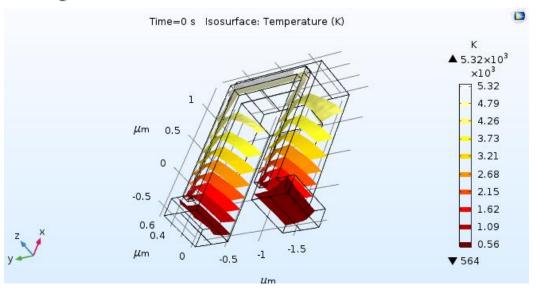
Design-1: Stress

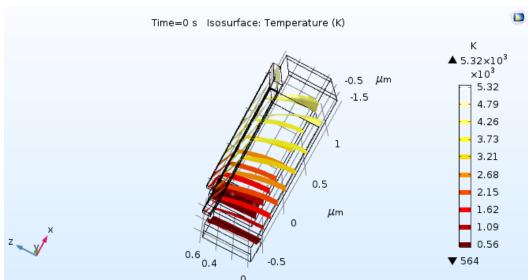
Time=0 s Surfage: von Mises stress (N/m²) N/m² 0.5 μ m ▲ 6.11×10⁹ ×109 -0.5 0.6 ▼ 5.59×10⁶ Time=0 s Surface: von Mises stress (N/m2) N/m² ▲ 6.11×10⁹ ×10⁹ -0.5 -1.5 μ m 2 0.5 0.6 μ m ▼ 5.59×10⁶ -0.5

Design-1: Temperature

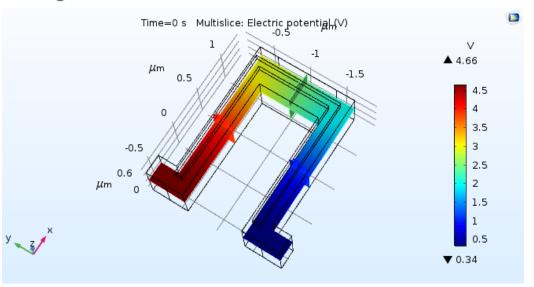


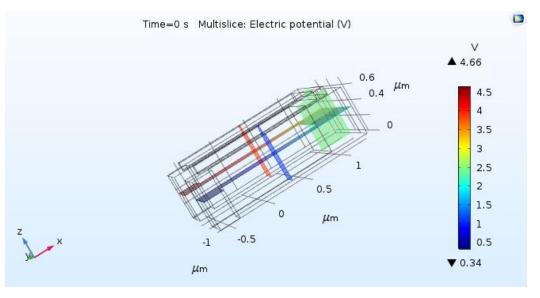
Design-1: Isothermal Contours



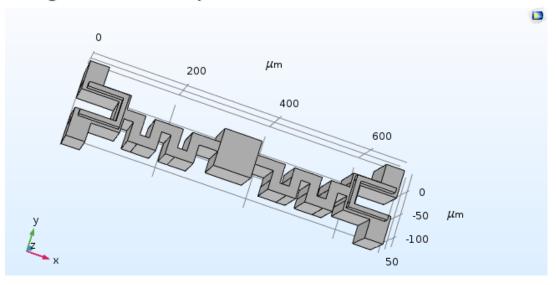


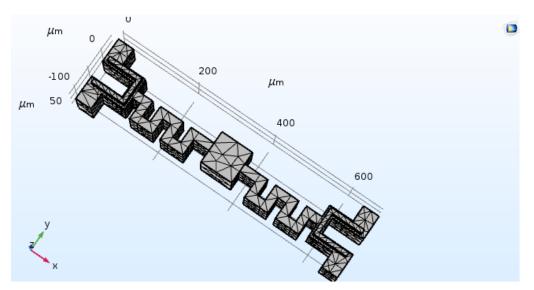
Design-1 : Electric Potential

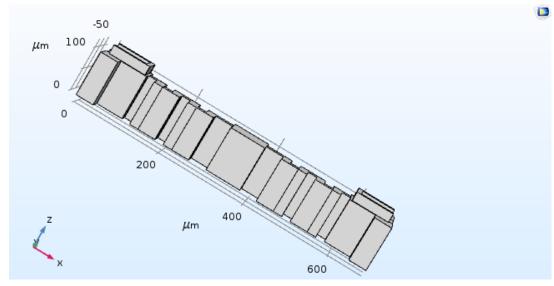


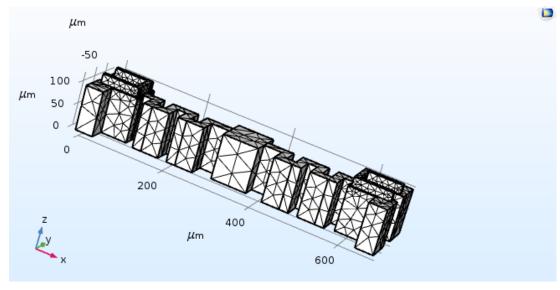


Design-2 : Geometry

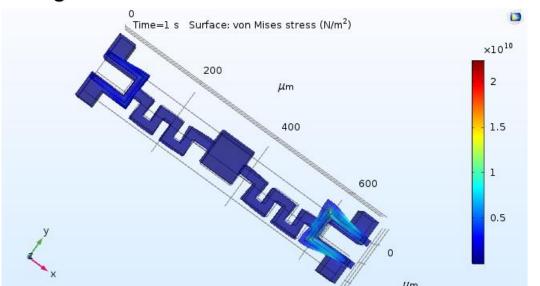




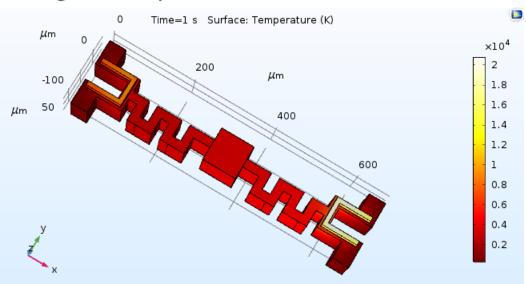


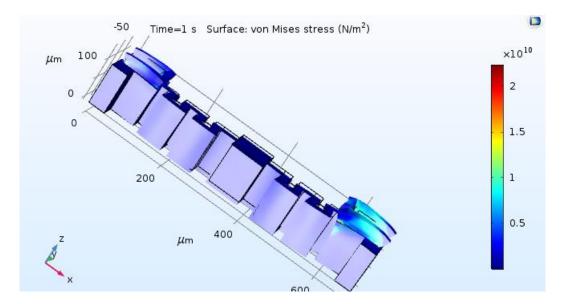


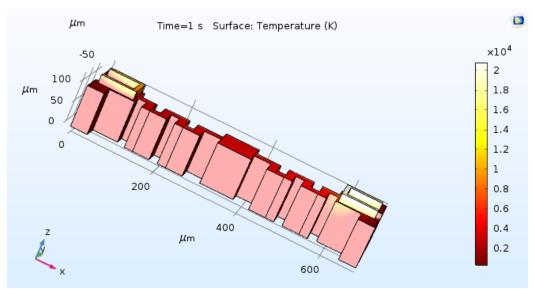
Design-2: Stress



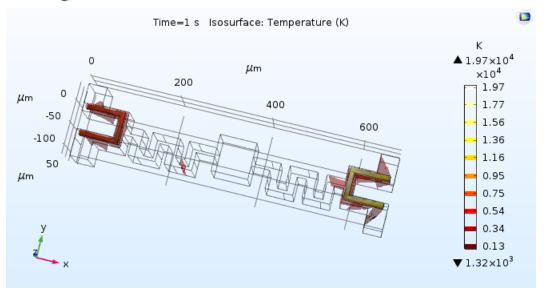
Design-2: Temperature

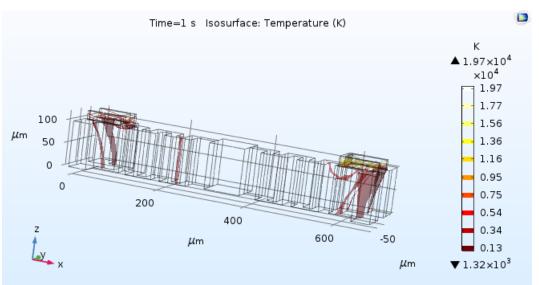




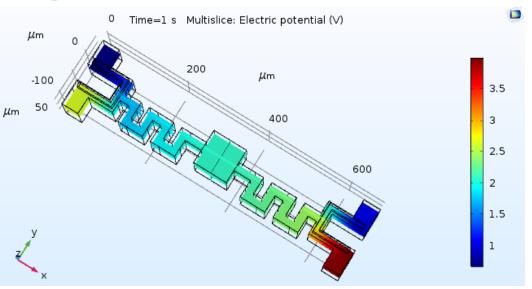


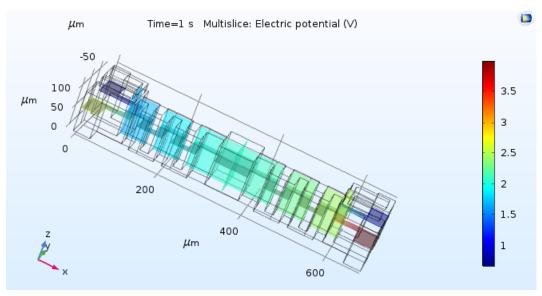
Design-2: Isothermal Contours



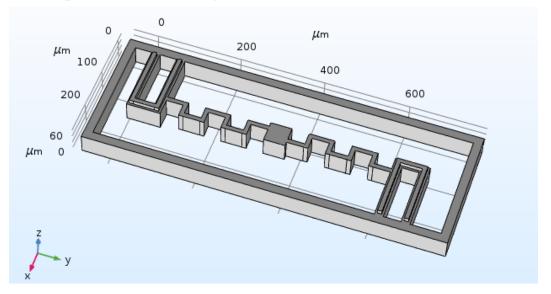


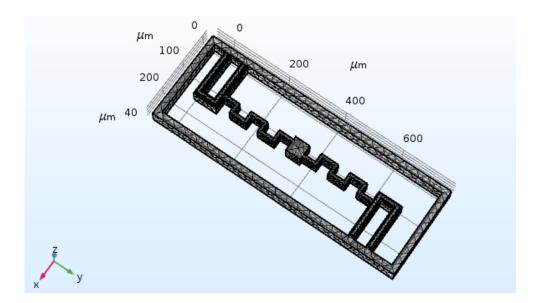
Design-2: Electric Potential

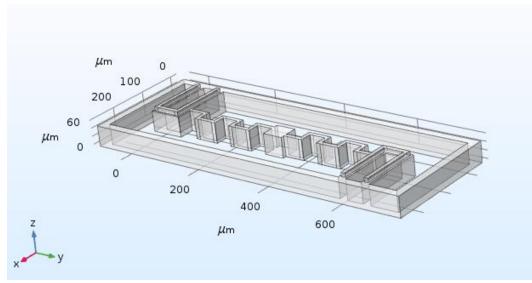


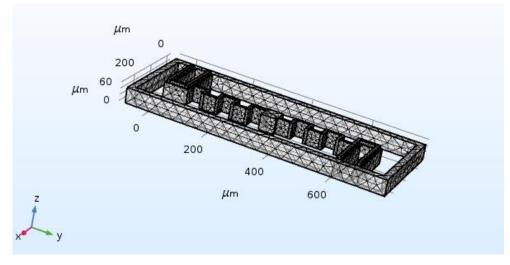


Design-3 : Geometry

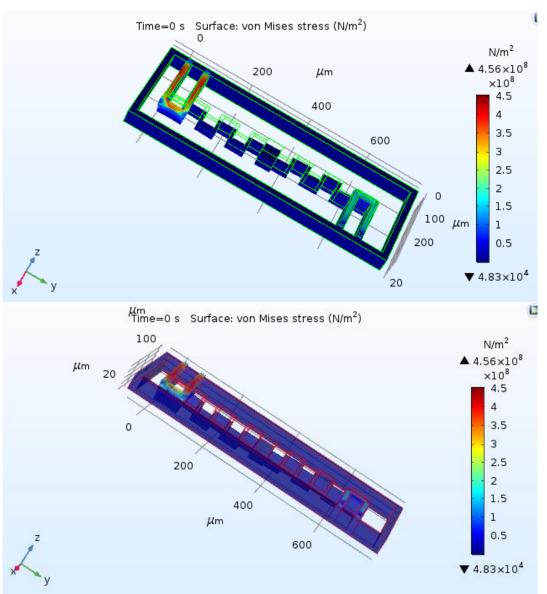




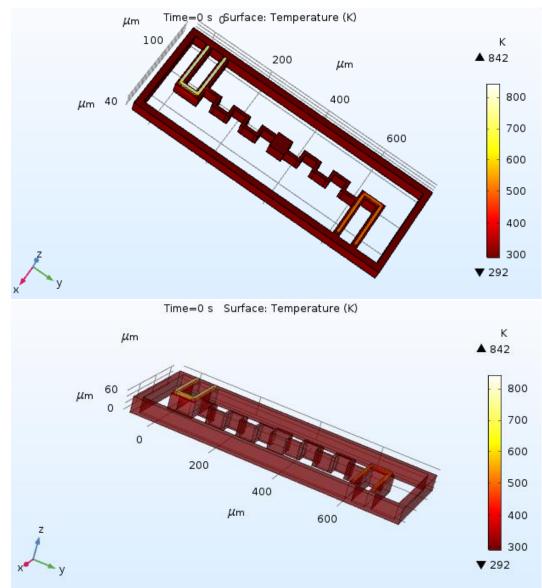




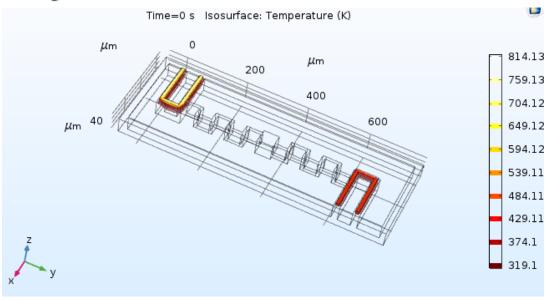
Design-3: Stress

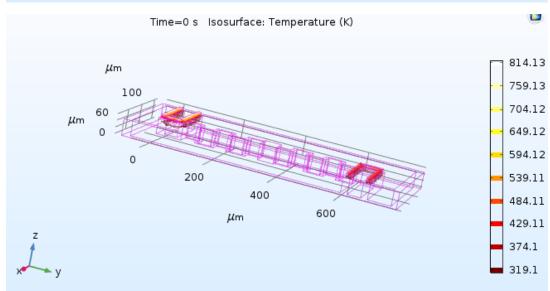


Design-3: Temperature



Design-3: Isothermal Contours





Design-3: Electric Potential

