COMSOL

THIS IS TO CERTIFY THAT

HAODONG WU

HAS SUCCESSFULLY COMPLETED THE COURSE:

MULTIPHYSICS SIMULATION OF MEMS

CONTENTS OF THE COURSE:

Structural Mechanics: Linear elastic, geometric nonlinear, static and dynamic analysis.
Damping and Losses: Mechanical damping, dielectric loss, etc.
Electromechanics: The coupling of electrostatics and solid mechanics to compute the deformation of electrostatically actuated structures.
Piezoelectric Devices: Devices that deform structurally under an applied electric field.
Multiphysics in MEMS devices: piezoresistivity, joule heating, fluid-structure interaction, etc.

Guang Chen

Guang Chen , Instructor
May 10, 2019