

Agenda

MEMS design and development have been explored in the last two decades. There are a lot of challenges at various levels in fabricating workable MEMS devices. Technically, one of the major challenges is **to predict the actual working of the device before fabrication**.

This is possible only when designers perform Multiphysics simulation on devices with process (microfabrication) imperfections.

Finite Element Analysis (FEA/FEM) on such device geometry helps predict it efficiently and reduce the error margin to a greater extent when devices are fabricated.

Further “Reduce Order Model” (ROM), element based model and Parametric simulations on MEMS devices reduce the overall design cycle time. Finally interfacing the MEMS devices with ASIC completes the system.

In this online seminar session, participants will understand how IntelliSuite software addresses these aspects to value add in MEMS research overall.

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