

ミネベアミツミ株式会社

MEMSに関する技術講演会(MNCセミナー)のお知らせ

日時:2023年1月10日16:30~17:30 会場:MNC セミナー室

主催:マイクロ・ナノマシニング研究教育センター(MNC)、ロボティクス専攻・田中(秀)研究室

ミネベアミツミ株式会社でMEMSの研究開発に従事している開発者が以下の2つのテーマで技術講演を行います。東北大学向けの特別講演会ですので、是非ご参加ください。参加登録は不要です。

発表テーマ/Presentation Theme

I.「MEMSレーザープロジェクターとその制御技術/MEMS LASER Projector and its Control Technologies」

speaker: Yuji Kimura

Apr.2008~ MITSUMI ELECTRIC CO.,LTD. Joined

2014~ Engaged in technological development of applied products for MEMS products

We have developed MEMS Mirror and LASER projector as one of its application.

However, to provide fine "picture", it is necessary extensive technologies on MEMS Mirror.

I would appreciate it if you could touch the unrefinedness of the company through many hardship stories.

II.「ウェハ接合技術とMEMS製品への応用/Wafer Bonding in Practical MEMS Applications」

speaker: Tadashi Inoue

Apr.2007~ OMRON Corp Joined

(Engaged in technical development of MEMS products and product development)

Oct. 2021~ MMI Semiconductor CO.,LTD.

We have used wafer bonding techniques to manufacture MEMS products since the 1990s, learning and transferring new bonding technology. In this talk, we introduce several commercial MEMS products we have developed using wafer bonding techniques. The challenges of each method are shown.

Finally, desirable future direction of wafer bonding process in MEMS mass production will be discussed.