

Materials engineering for microtechnology in Hungary

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Following a brief historical review of the field a survey of the actual microtechnology R&D landscape in Hungary will be given with special focus on the human resources in research institutions, higher education and PhD training.

Competences, capabilities and potential for international collaboration will be illustrated by some highlights collected from the leading research groups in the field. Attention will be called to the R&D directions particularly in the More than Moore domain as well as the materials research for the Beyond CMOS device category in particular.

Best practice examples for successful Japanese collaborations will also be referred to.