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M1Or1B-01: [Invited] Epitaxial growth and studies of dissimilar materials heterostructures by molecular beam epitaxy

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In order to study and control epitaxial growth of dissimilar materials, molecular beam epitaxial growth has been combined with scanning tunneling microscopy and spectroscopy (STM/S) and angle resolved photoelectron spectroscopy (ARPES) allowing both the structural and electronic properties to be investigated at the atomic scale. This presentation emphasize the formation of epitaxial topological materials on III-V semiconductor surfaces.

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