

Abstract Submitted
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Plasma as a tool for growth of 1D and 2D nanomaterials and their conversions UROS CVELBAR, Jozef Stefan Institute — The growth of 1D and 2D nanostructures in low pressure oxygen plasma is presented with the special stress on metal-oxide nanowires and their deterministic growth mechanisms. Since the resulting nanostructures not always have required properties for applications their modifications are required. Therefore their conversions into different oxides or sulphites/nitrides are required with either molecules, atoms, electrons or photons.

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