

# Modelling the growth and processing of tetrahedral amorphous carbon

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Amorphous, diamond-like layers of carbon on different surfaces have important applications as thin-film coatings. Modeling the growth mechanisms and their dependence on various processing parameters has attracted long-standing interest. This talk discusses some early works<sup>1,2,3</sup> on modeling carbeneous systems, as well as methodological advances for growth simulation.

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