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Type: **Invited presentation**

Ion Collisions with DNA Origami Nanostructures

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DNA origami nanostructures represent a unique substrate for in singulo experiments with biomolecules, nanotechnology and medicine. In our recent experiments at GANIL, we used these nanostructures as nanodosimeters to observe damage to DNA. Patterning of the surface deposited DNA origami as well as damage to nanostructures placed in bulk water will be described with focus on physico-chemical effects near the track, which could not be easily studied using other methods.

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Classification de Session: Applications and Interdisciplinary physics

Classification de thématique: Interdisciplinary research