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# Dynamics of the ICM in galaxy Clusters

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**Abstract.** We present results on the build up of the ICM in hydro simulations of galaxy clusters, as gas is accreted from the repeated merging of clumps of different size.We discuss the survival of DM and gas after the merging events, calculate the orbital properties of the substructures and investigate the time required for the accreted matter to reach equilibrium inside the potential well of the new object. Visualization of the simulations is also presented.

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