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Unidad Cuajimalpa, Artificios 40, Col. Hidalgo, 01120 Mexico, DF, Mexico. *Artin presentations  
and fundamental groups of 3-manifolds.*

In this talk I will speak about Artin presentations. We give a proof of the fact that the set of Artin presentations has a group structure. We apply this to calculate the fundamental group of the 3-manifolds obtained by integral Dehn surgery on links which are the closure of pure 3-braids. In some cases we say when these groups are nontrivial. (Received April 13, 2010)