ID de Contribution: **24**   Type: **Abstract**

On countable dense subgroups of the group of isometries of the Urysohn's space.

mardi 9 avril 2019 15:15 (50 minutes)

We show that many groups acting on trees are isomorphic to a dense subgroup of the group of isometries of the bounded Urysohn's space. This includes any free products of two infinite countable groups as well as surface groups. We also study the case of the unbounded Urysohn's space. This is a joint work with François Le Maître, Julien Melleray and Soyoung Moon.

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