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Daciberg Lima Goncalves* (dlgoncal@ime.usp.br) and **John Guaschi**
(guaschi@math.unicaen.fr). *Subgroups of the braid group of the 2-sphere and the projective plane.*

We will describe in this talk which are the possible finite groups which can be realized as a subgroup of the full braid group of the 2-sphere. Turns out that they are some of the periodic groups of period 2 or 4. Then we look at the virtually cyclic group which are subgroups of the pure braid group of the projective plane. Finally we will describe the state of art of this problem. (Received December 12, 2007)