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Nur Saglam* (sag1a004@umn.edu), 1173, Fifield Avenue, S1, St. Paul, MN 55108. *Constructions of new Lefschetz fibrations using cyclic group actions*. Preliminary report.

Using the cyclic group actions, we construct the families of Lefschetz fibrations over \mathbb{S}^2 . We also obtain more families of Lefschetz fibrations gluing these examples. This is a joint work with Anar Akhmedov. (Received August 28, 2016)