Aging in a system composed of Kuramoto oscillators SHADI ESMAEILI, Virginia Tech, DARKA LABAVIC, HILDEGARD MEYER-ORTMANNS, Jacobs University Bremen, MICHEL PLEIMLING, Virginia Tech — The Kuramoto model has been successfully used in different contexts to describe a wide variety of synchronization patterns. In this contribution we discuss aging in a system of Kuramoto oscillators that are coupled through frustrated bonds. The system evolves in the presence of a constant or an oscillatory external field which is turned off after some waiting time. The emerging aging processes are studied through autocorrelation functions.