

Abstract Submitted
for the SES16 Meeting of
The American Physical Society

Aging in a system composed of Kuramoto oscillators SHADI ES-MAEILI, Virginia Tech, DARKA LABAVIC, HILDEGARD MEYER-ORTMANNNS, 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.

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Date submitted: 04 Oct 2016

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