Abstract Submitted for the DFD19 Meeting of The American Physical Society

Creation and research at the arts & sciences chair in Paris¹ JEAN-MARC CHOMAZ, LadHyX, CNRS-Ecole Polytechnique — The "Arts & Sciences" Chair at the cole polytechnique, the cole nationale suprieure des Arts Dcoratifs-PSL and the Daniel and Nina Carasso Foundation was created in September 2017 with the ambition of bringing together the arts & sciences to imagine tomorrow, by promoting collaborative practices and a citizen approach. In a context of climate emergency and constant technological and digital developments, artists and scientists have in common that they can play a "scouting" role. The Arts & Sciences Chair offers a research and creation program to question our interdependence with the environment, human and non-human, whether it is to explore our relationship to plants and climate or human-machine interactions. Several examples of art installations involving rain, fog, oxygen, waves, instability and time will be presented.

¹Funding by the Daniel and Nina Carasso foundation is acknowledged

Jean-Marc Chomaz LadHyX, CNRS-Ecole Polytechnique

Date submitted: 02 Aug 2019 Electronic form version 1.4