

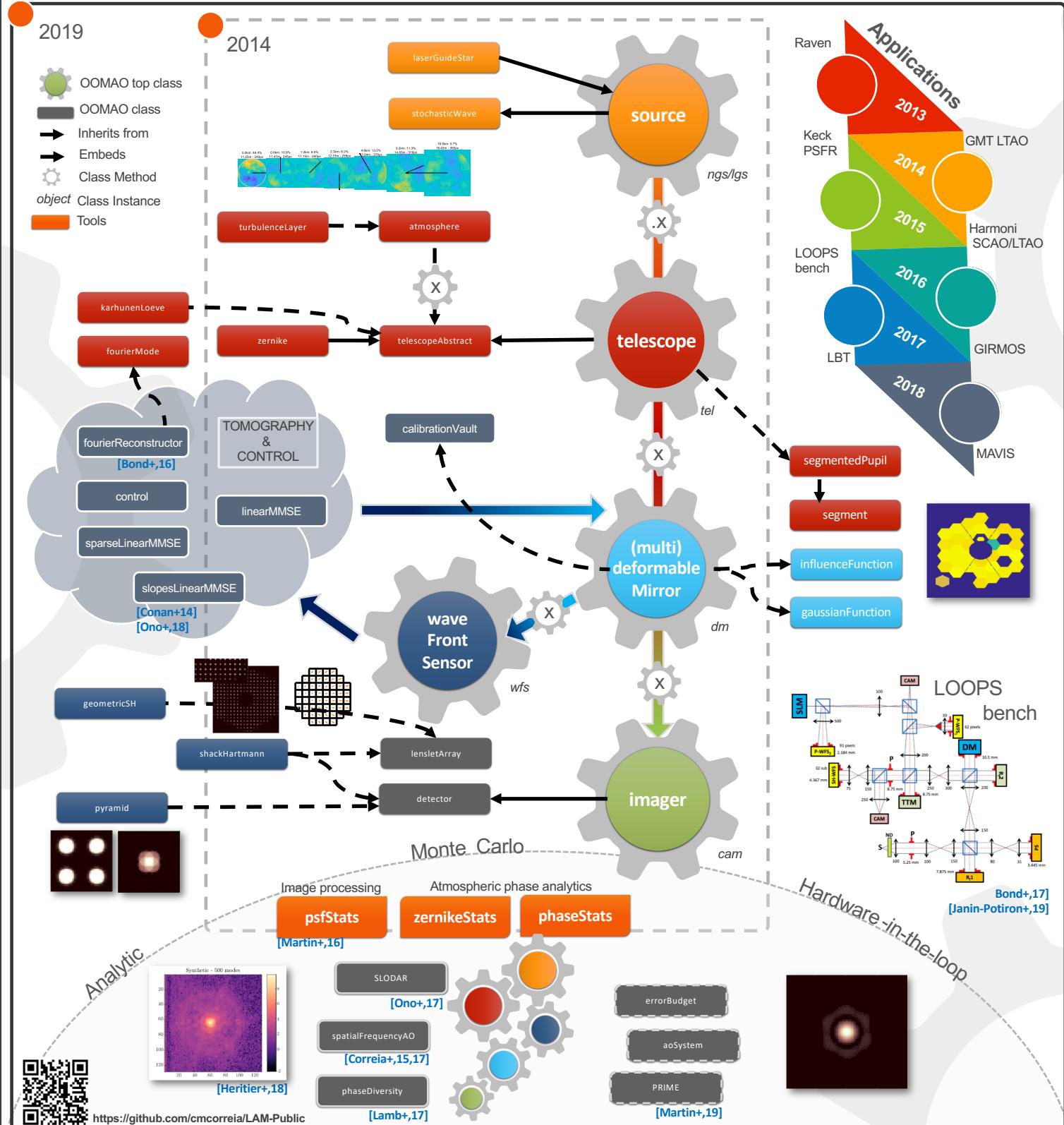
OOMAO – Object-Oriented Matlab Adaptive Optics

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OVERVIEW

► Since the first paper on OOMAO (Conan&Correia, SPIE 2014) the development has boomed in terms of new wave-front sensors, segmented mirrors, tomographic reconstructors, matrix-free models, turbulence profilers, post-processing techniques (and counting). OOMAO now supports **MCAO** and all its derivatives (GLAO, MOAO, SCAO, SLAO); it is currently used to assist AO design on 10-m class ground based-telescopes, Giant Segmented Mirror Telescopes (GSMTs) and space applications. OOMAO can be seamlessly integrated with **hardware-in-the-loop**, as is the bench LOOPS.



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