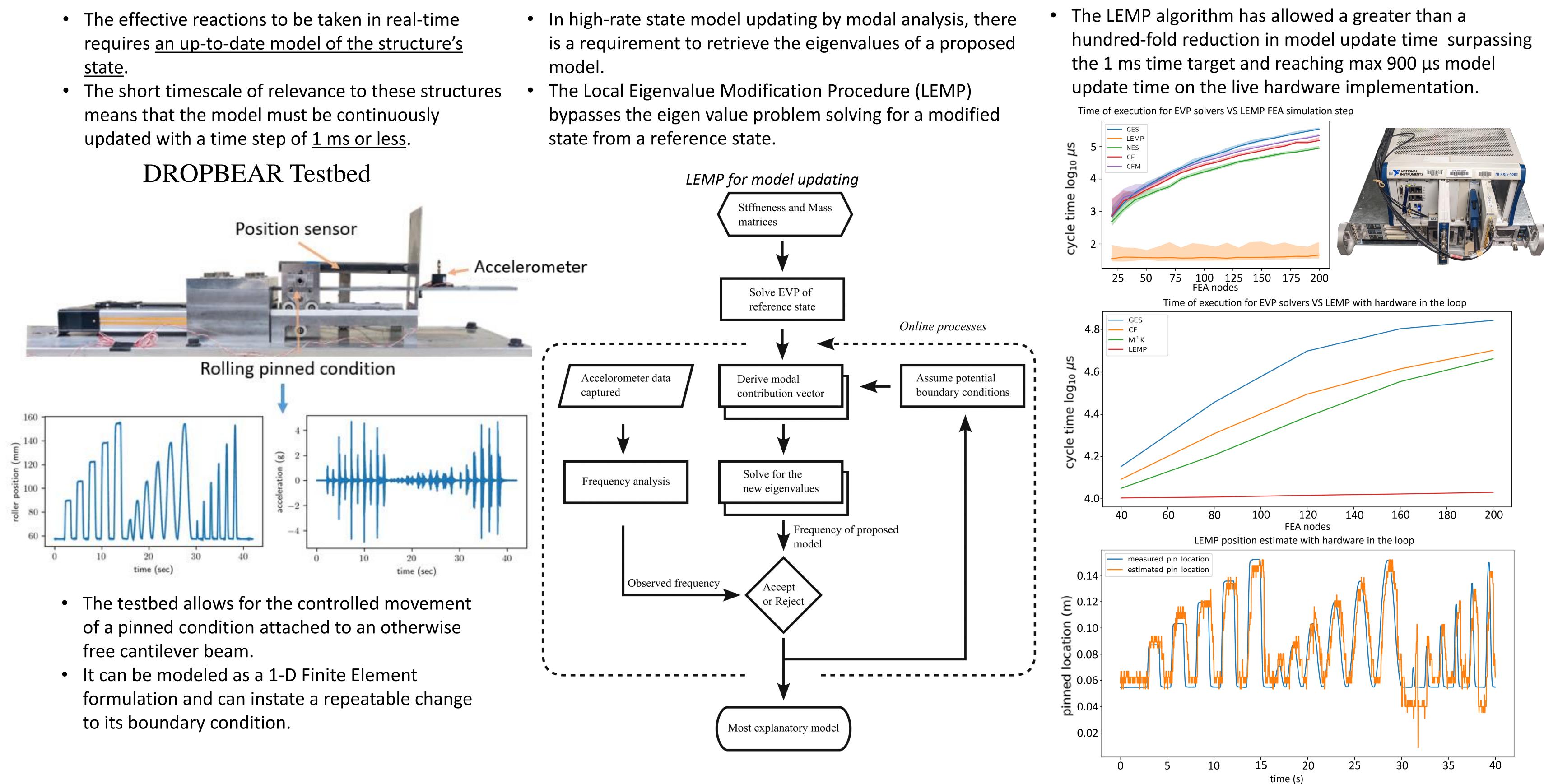


Physics-based Real-time Model Updating for Structures in High-rate Dynamic Environments

College of Engineering and Computing

Introduction

- requires an up-to-date model of the structure's state.
- means that the model must be continuously updated with a time step of <u>1 ms or less</u>.



Alexander B. Vereen and Austin R.J. Downey

Innovation



Results