

OpenSees

Open System for Earthquake Engineering Simulation  
Pacific Earthquake Engineering Research Center

NEESit

# PEER/NEESit OpenSees Developer Workshop

*Presented by the OpenSees Community*

Sponsored by the National Science Foundation

# Objective of Workshops

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- **USERS**

- Describe overall capabilities of OpenSees
- Overview of applications, structural and geotechnical
- Pointers to more information.

- **DEVELOPERS**

- Basics of OOP and C++
- Architecture of OpenSees
- Practice implementing a material model and element
- Analysis procedures
- Discussion of needs and development roadmap

# Thanks to:

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- Silvia Mazzoni
- Frank McKenna
- Boris Jeremic
- Michael Scott