TABLE OF CONTENTS

Final Program ····································
Development of a Period-Dependent Duration Model for California · · · · · · · · · · · · · · · · · · ·
mplications of mHVSR Spatial Variability on Site Response Predictability
Effect of Focal Mechanism on the Directionality of Horizontal Ground Motion Intensity
Calibration of the Near-surface Seismic Structure in the SCEC Community Velocity Model Version S Kim Olsen and Te-Yang Yeh
Prediction of Structural Response and Ground Motion using Deep Neural Networks 65 Issac Kwok-Tai Pang, Selim Gunay and Khalid Mosalam
nherent Damping During Nonlinear Seismic Response 85 Dennis Bernal
Seismic Performance of Bridges with Pier Walls
Application of Earthquake Early Warning for Tall Buildings ····· 110 Farid Ghahari