

Preface

Software engineering research can trace its roots to a small number of highly influential individuals. Among that select group is Prof. Leon J. Osterweil, whose work has fundamentally defined or impacted major directions in software analysis, development tools and environments, and software process. His exceptional and sustained contributions to the field have been recognized with numerous awards and honors throughout his career.

In honor of Lee's career-long and profound accomplishments, a Festschrift event occurred during the 2011 International Conference on Software Engineering (ICSE) in Honolulu, Hawaii. The event comprised a day-long series of talks by prominent members of the community, followed by a presentation by Lee to respond with his thoughts and reflections.

This book was prepared in honor of that special occasion. It compiles Lee's most important published works to date, together with several new articles exploring the broad impact of his work.

Whether this book provides your first exposure to Lee's groundbreaking vision of software engineering that has helped drive the field from its infancy to a mature discipline, or whether it offers you new insight into the fascinating and important modern impact of his work, we hope you will enjoy and benefit from it as much as we did in assembling it.

It is impossible to produce a work of this magnitude without substantial contributions from others. We would like to give special thanks to our area coordinators, Lori A. Clarke, Matthew B. Dwyer, Wilhelm Schäfer, and Stanley M. Sutton Jr., who did a remarkable job organizing and contributing to their respective parts of the book. We are also very grateful to Richard N. Taylor, the ICSE 2011 General Chair, and Debra A. Brodbeck, the ICSE 2011 Conference Coordinator, for their invaluable help in making the Festschrift a reality.

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