Letter from the Editor

It’s a big year for MSC Software. As we embark on the beginning of a New Era in simulation & analysis, we also celebrate 50 years in business as an engineering software and services company. It is our pleasure to share this special anniversary issue of Simulating Reality with our customers, partners, and friends.

Half a century ago, we began the journey on a path of helping society design better technology at lower cost and higher quality, and today we continue to do the same with more vigor than ever. With a rich history of software development that is recognized as the stepping stone for the CAE industry, it is both our mission and the time to pave new paths ahead that will address the growing complexities of engineering. As manufactured products become more sophisticated, materials more advanced, and assemblies and systems more integrated, the people and technology of MSC will be ready with wisdom, determination, and adaptive solutions.

In this issue, we share a few special spotlights to celebrate the anniversary. On page 14, our very own innovation leaders are acknowledged with special thanks. The contributions and talents of these people throughout our historic timeline have brought rich capabilities and have contributed to great achievements in engineering.

On page 32, take a look at our Simulating Reality contest winners, who are acknowledged for their initiatives in new technology design and innovation. Our special Gold Anniversary winners, including NASA’s JPL and their unprecedented use of Adams in the Curiosity rover mission to Mars are spotlighted in this feature article, along with other great customer projects.

Finally, special congratulatory excerpts from our valued customers can be found scattered throughout; and as with previous issues, please enjoy our customer spotlight articles that share new ideas for applying simulation in ways that are producing real business value and competitive advantage.