

# Journal of Mechanics of Materials and Structures

## DEDICATION

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This issue of the *Journal of Mechanics of Materials and Structures* is dedicated to Professor Charles R. Steele, the journal's Founding Editor, and his late wife, Marie-Louise Steele, Associate Editor of *JoMMS* until her untimely death in 2009. It includes papers written by colleagues and friends who thereby wanted to honor the two. We, who have succeeded Charles and Marie-Louise at the helm of the journal, consider it a privilege to have acted as editors of this issue.

The issue has a twofold purpose: to celebrate the Steeles' accomplishments and to commemorate the passing of Marie-Louise, who was an indispensable partner in running the journal and is to be credited to no small degree with supporting Charles in his professional endeavors. They both made an important contribution to the engineering community by founding the nonprofit *Journal of Mechanics of Materials and Structures*, and prior to that by their editorship of the *International Journal of Solid and Structures*. Charles's own research work has had a lasting impact on theoretical and applied mechanics and biomechanics, addressing problems in shell theory, elasticity theory, cochlear mechanics, and bone mechanics, among others. He has been recognized for these contributions by being elected to National Academy of Engineering in 1995 and by the ASME Koiter medal in 1999.

The original papers presented in this issue are authored by researchers whose scientific interests fall within the broad spectrum of *JoMMS*. They include theoretical, numerical and experimental reports spanning the fields of mechanics, mathematics and biology, covering fundamental problems in continuum and discrete mechanics, deformation, flow and failure of materials (beams, shells, composites, fractal media), wave propagation of linear and nonlinear waves, cellular mechanics, adaptation of biological tissues, and a range of other topics.

We extend sincere thanks to all the authors who contributed to this issue, for which the manuscripts were reviewed according to the rules of *JoMMS*. We thank them for their cooperation throughout the process.

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## FROM THE EDITORIAL BOARD

The Editorial Board of *JoMMS* and the Publisher join the Chief Editors today in remembering Marie-Louise Steele with fondness, expressing their warmest appreciation and good wishes to Charles, and renewing their commitment to *JoMMS*, so that it may evermore be a tribute to the monumental work of its founders.

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