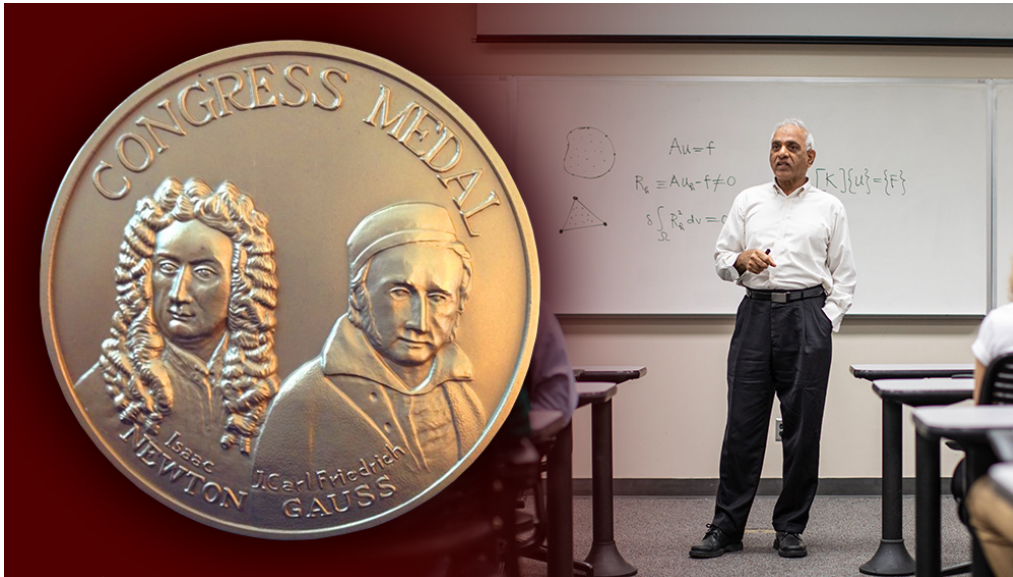


Reddy receives 2022 International Association of Computational Mechanics Congress Medal

June 9, 2022 By Steve Kuhlmann



📷 *Dr. J.N. Reddy has served as a prominent computational and applied mechanics community member for several decades. | Image: Texas A&M Engineering*

Dr. J.N. Reddy will receive the 2022 International Association of Computational Mechanics Congress Medal, also known as the Gauss-Newton Medal, later this year. It is the highest award bestowed by the organization.

The honor recognizes individuals who have made outstanding and sustained contributions to the computational mechanics field. Among Reddy's many contributions include serving as a prominent member and contributor to the computational and applied mechanics community, his authoring of the classic and highly popular textbook "Introduction to the Finite Element Method," and developing a number of novel mathematical models and computational approaches that others have followed, applied and advanced for more than 40 years.

Reddy serves as the O'Donnell Foundation Chair IV Professor in the J. Mike Walker '66 Department of Mechanical Engineering at Texas A&M University. He is also a University Distinguished Professor, a Regents Professor, director of the Center of Innovation in Mechanics for Design and Manufacturing, and a member of the National Academy of Engineering.

"Significant honors and awards are important to a person and the institution the person serves because they signify the esteem in which the honoree is held by the members of his or her scientific community," Reddy said. "This is another of the highest international honors I have received in my professional life for the works I have done. With this award, I am being recognized as one of the most accomplished people in the field of computational mechanics around the world."

The medal itself features the images of Isaac Newton and Johann Car Friedrich Gauss, recognizing the connection between mathematics, numerical analysis and

mathematical modeling of physical events — all of which are deeply rooted in the broad field of computational mechanics.

Reddy will be honored at the 15th World Congress on Computational Mechanics, set to be held in Yokohama, Japan, on Aug.1.