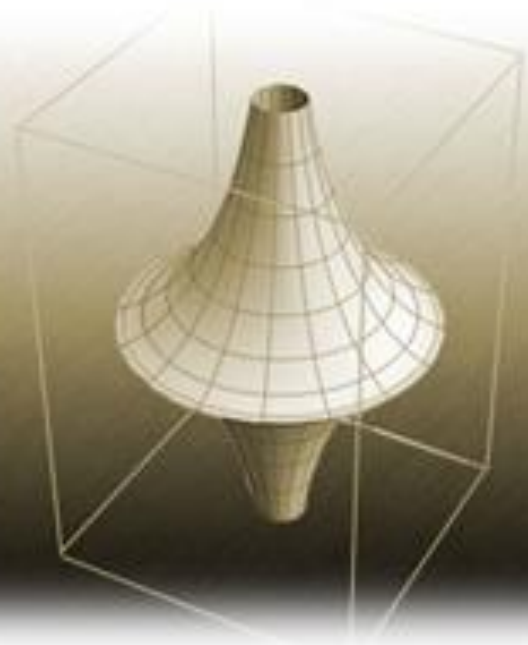


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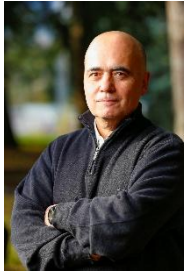
International Research Center for the
MATHEMATICS AND MECHANICS OF COMPLEX SYSTEMS



EUGENIO BELTRAMI
INTERNATIONAL PRIZE 2024

LAUDATIO OF PROF.
Davide Bigoni

MEMOCS CENTER



It is an honor and a privilege to stand before you today to celebrate the outstanding achievements of Professor Davide Bigoni, a leading figure in the field of Solid and Structural Mechanics, and a distinguished scholar whose contributions have not only advanced science but also inspired a generation of researchers and academics.

Since joining the University of Trento in 2001, where he is a full professor in Solid and Structural Mechanics, Professor Bigoni has built and nurtured a highly dynamic and innovative research group. His expertise spans the breadth of Solid and Structural Mechanics, and his work has had a profound impact on both the theoretical and applied aspects of the field. His academic leadership is evident not only in his research but in his continuous dedication to fostering collaboration between academia and industry.

Professor Bigoni's career is marked by numerous prestigious recognitions. In 2009, he was elected an Euromech Fellow by the European Mechanics Society, a testament to his significant contributions to the mechanics community. His achievements continued to garner international recognition with the receipt of the Ceramic Technology Transfer Day Award in 2012, and the conferment of the Doctor Honoris Causa degree from Ovidius University of Constanta in 2014. These accolades reflect the global appreciation of his expertise and leadership.

Further affirming his stature, Professor Bigoni was honored with the Panetti and Ferrari Award for Applied Mechanics from the Accademia delle Scienze di Torino, as well as the distinction of being a Guest Lecturer for the Midwest Mechanics Seminars in 2018. In 2019, he was nominated a Fellow of the Istituto Lombardo, Accademia di Scienze e Lettere, and his contributions to the field were celebrated in a special 60th Anniversary Issue of the *Journal of the Mechanics and Physics of Solids*.

In the area of research funding, Professor Bigoni's influence is undeniable. He has played a key role in coordinating and participating in several major European grants, collaborating with both academia and industry. His groundbreaking research has been supported by two highly competitive ERC Advanced Grants, awarded in 2013 and 2021, underscoring his position at the forefront of European scientific research.

Professor Bigoni's prolific career has also included an impressive editorial role. He serves as co-editor of the *Journal of Mechanics of Materials and Structures*, and holds associate editor positions at *Mechanics Research Communications* and several other prestigious journals.

As a researcher, Professor Bigoni has earned exceptional visibility, with his work featured on the covers of no less than nine prestigious international journals, a rare achievement that speaks to the impact and relevance of his research. His work has also bridged the gap between pure academic theory and practical applications, particularly in his collaborations involving European research grants and industry partnerships.

On behalf of the academic community, it is clear that Professor Bigoni's contributions extend far beyond his research, as he has helped shape the future of Solid and Structural Mechanics through his leadership, mentorship, and tireless pursuit of knowledge. His accomplishments serve as a source of inspiration for all who aspire to make meaningful contributions to science and society.

Please join me in celebrating the remarkable career of Professor Davide Bigoni, whose vision, intellect, and dedication continue to elevate the field of Solid and Structural Mechanics to new heights.