

With deep sadness, we announce that

## **RNDr. Miroslav Šilhavý, DrSc.**

passed away on Sunday, September 28, 2025, at the age of 76.

Miroslav joined the Institute of Mathematics in 1977 and remained a devoted member of our community throughout his career. He was an internationally renowned expert in mathematical methods of continuum mechanics, variational methods, and functional analysis. His pioneering contributions shaped the field, particularly in the rigorous mathematical understanding of nonlinear elasticity, the calculus of variations, and the interplay between mathematics and materials science. His work influenced not only the Czech mathematical and physical community but also generations of researchers worldwide.

Over the decades, Miroslav published extensively in leading journals and authored a highly regarded monograph that has become a standard reference in the field. He was a frequent invited speaker at international conferences and served on editorial boards, where his expertise and judgment were widely appreciated. Many young researchers benefited from his guidance, his clarity of thought, and his generous willingness to share knowledge.

Beyond his scientific achievements, Miroslav was deeply respected as a colleague and friend, and his presence enriched the life of our Institute in countless ways.

We mourn his passing and extend our heartfelt condolences to his family, friends, and all who had the privilege to know and work with him. His memory will live on in his scientific legacy and in the community he helped to build.

doc. Dr.Ing. Miroslav Rozložník, DSc.  
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