Prof. Yanming Ma, physicist and Academician of the Chinese Academy of Sciences, currently serves as President of Zhejiang University. Prior to the current role, he was a Distinguished Au-Chin Tang Professor and served as Vice President of Jilin University.

Prof. Ma received his Ph.D. in Condensed Matter Physics from Jilin University in 2001. He worked as a postdoctoral researcher at the Steacie Institute for Molecular Sciences, National Research Council of Canada from 2002 to 2004, and at the Laboratory of Crystallography, ETH Zurich, from 2006 to 2008.

Prof. Ma specializes in high-pressure physics and computational physics. He is widely recognized for discovering the anti-Wilson transition in sodium, where the solid transforms from a metal to an insulator under high pressure. He pioneered research on hydrogen-based high-temperature superconductors under high-pressure conditions, leading to the discovery of a family of hydrogen clathrate-structured superconductors (e.g.,

CaH_6 and LaH_{10}, etc) with transition temperatures up to 260 K. He also developed the CALYPSO crystal structure prediction method and software, now used by over 4,700 researchers in 77 countries.

As the lead contributor, Prof. Ma has twice received the Second Prize of the State Natural Science Award, China. Internationally, he was honored with the Jamieson Award at the 18th International Conference on High Pressure Science and Technology and the Walter Kohn Prize from the International Centre for Theoretical Physics (2016). He has published more than 400 papers, some of which have appeared in top journals (e.g., *Nature*, *Physical Review Letters*, etc), with total citations exceeding 30,000, and has given over 100 invited or plenary lectures at international conferences. He has been named as a Clarivate Highly Cited Researcher for eight consecutive years (2017-2024).