

Tony Hoare: In Memoriam

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Tony Hoare (1934–2026) was not only a leading contributor to formal methods—he was also an inspiration to many of us. The editors of this journal aim to mark his profound and lasting contributions to the field of computing. This issue contains Krzysztof Apt’s insightful technical overview of the first phase of Tony’s research (up to around the time he was awarded the ACM Turing Award in 1980). We thank Krzysztof for accepting our invitation to write this obituary and we hope that other similar overviews will follow. One challenge is of course the wide range of Tony’s scientific and engineering contributions: looking at [2], it is obvious that CSP, UTP, and later research on algebraic approaches invite discussion. We would urge anyone who has not watched the interview on the ACM site [1], to do so because it indicates what a modest and thoughtful colleague we have all lost.

References

- [1] Cliff B. Jones. 2016. Professor Sir Tony Hoare: ACM Turing Award Winner 1980. Online. Retrieved from https://amturing.acm.org/interviews/hoare_4622167.cfm
- [2] Cliff B. Jones and Jayadev Misra (Eds.). 2021. *Theories of Programming: The Life and Works of Tony Hoare*. ACM. DOI: <https://doi.org/10.1145/3477355>

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