Editorial

Dear Reader,

For many academics, October is a month when we say 'hello' to our new students and welcome back to those who are returning. It is a time that I look forward to with immense excitement, tinged with slight trepidation. It has been many years since I was in the position of being a new student. Back then, in many ways, computing was a more focused, less complex subject to study.

Nowadays, due to its relentless and rapid evolution, keeping pace with the computing revolution is a formidable challenge. Technological advancements in hardware, software, and applications occur at breakneck speed, requiring constant learning and adaptation. The sheer volume of information and the need to acquire new skills continually can be overwhelming. Moreover, the computing landscape has become very complex, with various specialised fields like artificial intelligence, cybersecurity, and quantum computing constantly emerging. This complexity demands a broad understanding and deep expertise in specific areas, making it increasingly challenging for individuals to stay updated and relevant in this ever-changing digital era.

One of the most striking aspects of this evolution is the diversity of computing technologies. We've witnessed the rise of powerful supercomputers capable of simulating complex phenomena. On the other end of the spectrum, we've seen the proliferation of tiny, low-power devices like IoT sensors and wearable gadgets, enabling a seamless integration of technology into our daily routines.

Perhaps most impressive is the speed at which these advancements occur. Moore's Law, which predicted a doubling of computing power approximately every two years, has held for several decades, driving rapid hardware improvements. Meanwhile, software development has evolved with agile methodologies, enabling developers to iterate quickly and respond to changing requirements. Open-source communities and collaboration platforms have facilitated the sharing of knowledge and code, accelerating innovation across the globe.

While many papers published in AETiC are outside my expertise, I value the opportunity to gain insight into a vast and ever-expanding subject area. I am grateful to those who advance the boundaries of the subject and are willing to pass their knowledge on.

With best wishes,

Professor Andrew Ware,
On behalf of the Editorial Board,
Annals of Emerging Technologies in Computing (AETiC).