

REGULAR PAPERS ISSUE

1778 **Edge Intelligence: Empowering Intelligence to the Edge of Network**

By *D. Xu, T. Li, Y. Li, X. Su, S. Tarkoma, T. Jiang, J. Crowcroft, and P. Hui*

| CONTRIBUTED PAPER | This article presents a thorough and comprehensive survey on edge intelligence and its applications.

1838 **Video Summarization Using Deep Neural Networks: A Survey**

By *E. Apostolidis, E. Adamantidou, A. I. Metsai, V. Mezaris, and I. Patras*

| CONTRIBUTED PAPER | This article provides a comprehensive survey of the existing deep-learning-based methods for generic video summarization.

DEPARTMENTS

1766 **SCANNING THE ISSUE**

1768 **POINT OF VIEW**

How Fast Do Algorithms Improve?

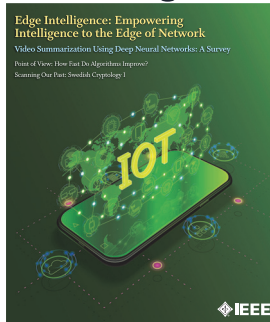
*Y. Sherry and
N. C. Thompson*

1864 **SCANNING OUR PAST**

Swedish Cryptology I

*K.-O. Widman
and A. Wik*

1873 **FUTURE SPECIAL ISSUE/SPECIAL SECTIONS**



On the Cover:

Our cover image this month captures the concept edge intelligence, which aims at enhancing data processing while protecting the privacy and security of the data and users.