



SAUCIS

SAKARYA UNIVERSITY JOURNAL OF COMPUTER AND INFORMATION SCIENCES

ISSN 2636-8129

August 2023

Volume 6 Issue 2

Editor-in-Chief

Ahmet ZENGİN, Sakarya University, Türkiye, azengin@sakarya.edu.tr

Associate Editors

Hessam SARJOUGHIAN, Arizona State University, USA, hessam.sarjoughian@asu.edu

Muhammed Fatih ADAK, Sakarya University, Türkiye, fatihadak@sakarya.edu.tr

Muhammed KOTAN, Sakarya University, Türkiye, mkotan@sakarya.edu.tr

Mustafa AKPINAR, Higher Collages of Technology, United Arab Emirates, mustafaa@hct.ac.ae

Unal CAVUSOGLU, Sakarya University, Türkiye, unalc@sakarya.edu.tr

A F M Suaib AKHTER, Sakarya Applied Science University, Türkiye, suaibakhter@subu.edu.tr

Selman HIZAL, Sakarya Applied Science University, Türkiye, selmanhizal@subu.edu.tr

Editorial Assistants – Secretary

Deniz BALTA, Sakarya University, Türkiye, ddural@sakarya.edu.tr

Gozde Yolcu OZTEL, Sakarya University, Türkiye, gyolcu@sakarya.edu.tr

Ibrahim DELIBASOGLU, Sakarya University, Türkiye, ibrahimdelibasoglu@sakarya.edu.tr

Sumeyye KAYNAK, Sakarya University, Türkiye, sumeyye@sakarya.edu.tr

Fatma AKALIN, Sakarya University, Türkiye, fatmaakalin@sakarya.edu.tr

Nur Yasin PEKER, Sakarya Applied Science University, Türkiye, yasinpeker@subu.edu.tr

Editorial Board

Aref YELGHI, Istanbul Ayvansaray University, Türkiye, ar.yelqi@gmail.com

Ayhan ISTANBULLU, Balikesir University, Türkiye, iayhan@balikesir.edu.tr

Bahadir KARASULU, Canakkale Onsekiz Mart University, Türkiye, bahadirkarasulu@comu.edu.tr



SAUCIS

SAKARYA UNIVERSITY JOURNAL OF COMPUTER AND INFORMATION SCIENCES

ISSN 2636-8129

August 2023

Volume 6 Issue 2

Editorial Board (Cont)

Cihan KARAKUZU, Bilecik Seyh Edebali University, Türkiye, cihan.karakuzu@bilecik.edu.tr

Ibrahim TURKOGLU, Firat University, Türkiye, iturkoglu@firat.edu.tr

Kamal Z ZAMLİ, Malaysia Pahang University, Malaysia, kamalz@ump.edu.my

Nuri YILMAZER, Texas A&M University, USA, nuri.yilmazer@tamuk.edu

Nejat YUMUŞAK, Sakarya University, Türkiye, nyumusak@sakarya.edu.tr

Okan ERKAYMAZ, National Defense University, Naval Academy, Türkiye, oerkaymaz@dho.edu.tr

Ömer Hulusi DEDE, Sakarya Applied Science University, Türkiye, ohdede@subu.edu.tr

Priyadip RAY, Lawrence Livermore National Laboratory, USA, priyadipr@gmail.com

Resul DAS, Firat University, Türkiye, rdas@firat.edu.tr

Language Editor

A F M Suaib AKHTER, Sakarya Applied Science University, Türkiye, suaibakhter@subu.edu.tr