

## Asst. Prof. ÖZCAN DÜLGER

### Personal Information

**Email:** odulger@metu.edu.tr

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### Education Information

Doctorate, Middle East Technical University, Faculty of Engineering, Department of Computer Engineering, Turkey 2010 - Continues

Postgraduate, Pamukkale University, Institute Of Science, Bilgisayar Mühendisliği (YI) (Tezli ), Turkey 2007 - 2009

Undergraduate, Pamukkale University, Faculty Of Engineering, Department Of Computer Engineering, Turkey 2003 - 2007

### Foreign Languages

English, C1 Advanced

### Academic Titles / Tasks

Research Assistant, Middle East Technical University, Faculty of Engineering, Department of Computer Engineering, 2010 - Continues

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A new parallel tabu search algorithm for the optimization of the maximum vertex weight clique problem**  
DÜLGER Ö., Dökeroğlu T.  
Concurrency and Computation: Practice and Experience, vol.36, no.2, 2024 (SCI-Expanded)
- II. **Memory Coalescing Implementation of Metropolis Resampling on Graphics Processing Unit**  
Dulger O., Oguztuzun H., DEMİREKLER M.  
JOURNAL OF SIGNAL PROCESSING SYSTEMS FOR SIGNAL IMAGE AND VIDEO TECHNOLOGY, vol.90, no.3, pp.433-447, 2018 (SCI-Expanded)

### Refereed Congress / Symposium Publications in Proceedings

- I. **Implementation of the auxiliary sampling importance resampling particle filter on graphics processing unit** Yardimli ornekleme onem yeniden ornekleme paracik siizgecinin grafi işleme biriminde gercekle stirilmesi  
DÜLGER Ö., OĞUZTÜZÜN M. H. S.  
5th International Conference on Computer Science and Engineering, UBMK 2020, Diyarbakır, Turkey, 9 - 10 September 2020, pp.156-159
- II. **Factors on the execution times of metropolis resampling and its variations**

DÜLGER Ö., OĞUZTÜZÜN M. H. S.

5th International Conference on Computer Science and Engineering, UBMK 2020, Diyarbakır, Turkey, 9 - 10 September 2020, pp.152-155

**III. Non-coalesced Access Patterns of Global Memory Load Transactions in Metropolis Resampling Implemented on Graphics Processing Unit**

Dulger O., Oguztuzun H.

26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018

**IV. Implementation of the Sampling Importance Resampling Particle Filter Algorithm in Graphics Processing Unit**

Dulger O., Oguztuzun H., DEMİREKLER M.

23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.2195-2198

## **Metrics**

Publication: 6

Citation (WoS): 7

Citation (Scopus): 13

H-Index (WoS): 1

H-Index (Scopus): 2