

## Resr. MUHAMMED MİRAC SERİM

### Personal Information

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

**Web:** <https://avesis.metu.edu.tr/mserim>

### Education Information

Doctorate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Fizik (Dr), Turkey 2012 - Continues

Undergraduate, Middle East Technical University, Faculty of Arts and Sciences, Department of Physics, Turkey 2004 - 2018

Postgraduate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Fizik (YI) (Tezli), Turkey 2009 - 2012

### Dissertations

Postgraduate, Timing properties of recently discovered soft gamma repeaters, Middle East Technical University, Graduate School of Natural and Applied Sciences, Fizik (YI) (Tezli), 2012

### Academic Titles / Tasks

Research Assistant, Middle East Technical University, Faculty of Arts and Sciences, Department of Physics, 2014 - 2018

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

- I. **Pulse frequency fluctuations of persistent accretion powered pulsars**  
Serim D., Serim M. M., Baykal A.  
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.518, no.1, pp.1-12, 2022 (SCI-Expanded)
- II. **Timing and spectral analysis of 2S 1417-624 during its 2018 outburst**  
Serim M. M., Ozudogru O. C., Donmez Ç. K., Sahiner S., Serim D., Baykal A., Inam S. C.  
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.510, no.1, pp.1438-1449, 2022 (SCI-Expanded)
- III. **Comprehensive analysis of the transient X-ray pulsar MAXI J1409 619**  
Donmez Ç. K., Serim M. M., Inam S. C., Sahiner S., Serim D., Baykal A.  
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.496, no.2, pp.1768-1783, 2020 (SCI-Expanded)
- IV. **Pulse frequency fluctuations of magnetars**  
Cerri-Serim D., Serim M. M., Sahiner S., Inam S. C., Baykal A.  
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.485, no.1, pp.2-12, 2019 (SCI-Expanded)
- V. **Discovery of a glitch in the accretion- powered pulsar SXP 1062**  
Serim M. M., Sahiner S., Cerri-Serim D., İNAM S. Ç., BAYKAL A.  
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.471, no.4, pp.4982-4989, 2017 (SCI-Expanded)
- VI. **RXTE and Swift Observations of SWIFT J0513.4-6547**  
Sahiner S., Serim M. M., BAYKAL A., İNAM S. Ç.  
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.456, no.1, pp.845-852, 2016 (SCI-Expanded)

- VII. **Timing studies of X Persei and the discovery of its transient quasi-periodic oscillation feature**  
Acuner Z., İNAM S. Ç., Sahiner S., Serim M. M., BAYKAL A., Swank J.  
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.444, no.1, pp.457-465, 2014 (SCI-Expanded)
- VIII. **RXTE and Swift observations of SWIFT J1729.9-3437**  
Sahiner S., İNAM S. Ç., Serim M. M., BAYKAL A.  
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.434, no.4, pp.2772-2778, 2013 (SCI-Expanded)

### **Refereed Congress / Symposium Publications in Proceedings**

- I. **X Ray Timing Properties of GX 1 4**  
SERİM M. M., Sahiner S., Serim Cerri D., Inam S. C., BAYKAL A.  
11 th Integral Conference, 10 - 14 October 2016
- II. **Timing Noise of Magnetars**  
Serim Cerri D., SERİM M. M., Yuce D., Sahiner S., Inam S. C., BAYKAL A.  
11 th Integral Conference, 10 - 14 October 2016
- III. **Noise Strength Estimates of Three SGRs: Swift J1822.3-1606, SGR J1833-0832 and Swift J1834.9-0846**  
Serim M. M., İNAM S. Ç., BAYKAL A.  
International Conference on Electromagnetic Radiation from Pulsars and Magnetars (ERPM), Zielona Gora, Poland, 24 - 27 April 2012, vol.466, pp.255-256

### **Metrics**

Publication: 12  
Citation (WoS): 41  
Citation (Scopus): 27  
H-Index (WoS): 4  
H-Index (Scopus): 3