

Res. Asst. SEDAT ALPEREN TUNÇ

Personal Information

Office Phone: [+90 462 377](tel:+90462377) Extension: 4039

Email: sedatalperentunc@ktu.edu.tr

Web: <https://avesis.ktu.edu.tr/sedatalperentunc>

Address: Karadeniz Teknik Üniversitesi, Metalurji ve Malzeme Mühendisliği Bölümü 61080-TRABZON

International Researcher IDs

ScholarID: q7BVryoAAAAJ

ORCID: 0000-0001-7382-2353

Publons / Web Of Science ResearcherID: AAH-5148-2021

Yoksis Researcher ID: 336360

Education Information

Postgraduate, Karadeniz Technical University, Mühendislik Fakültesi, Metalurji Ve Malzeme Mühendisliği, Turkey 2020 - Continues

Undergraduate, Karadeniz Technical University, Mühendislik Fakültesi, Metalurji Ve Malzeme Mühendisliği, Turkey 2015 - 2020

Foreign Languages

English, B1 Intermediate

German, A1 Beginner

Research Areas

Metallurgical and Materials Engineering, Production Metallurgy, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Karadeniz Technical University, Mühendislik Fakültesi, Metalurji ve Malzeme Mühendisliği, 2021 - Continues

Refereed Congress / Symposium Publications in Proceedings

- I. **Production and Microstructure Investigations of 316L Stainless Steel Reinforced Copper Matrix Composites**
Tunç S. A., Çanakçı A., Karabacak A. H.
3RD INTERNATIONAL CONFERENCE ON APPLIED ENGINEERING AND NATURAL SCIENCES, Konya, Turkey, 20 - 23 July 2022, pp.1051-1055
- II. **Investigation of Mechanical Properties of Cu-316L Metal-Metal Composites Produced by Powder Metallurgy Method**

Tunç S. A., Çanakçı A., Karabacak A. H.

3RD INTERNATIONAL CONFERENCE ON APPLIED ENGINEERING AND NATURAL SCIENCES, Konya, Turkey, 20 - 23 July 2022, pp.2034-2039

III. **Machining of Al2024-SiC Nanocomposites by WEDM Method**

Karabacak A. H., Tunç S. A.

1st International Conference on Engineering and Applied Natural Sciences, Konya, Turkey, 10 - 13 May 2022, pp.865-868

IV. **The Effect of The Amount of Reinforcement on The Machining of Al2024-B4C/SiC Hybrid Nanocomposites by AWJ Method**

Karabacak A. H., Çanakçı A., Tunç S. A.

1st International Conference on Applied Engineering and Natural Sciences, Konya, Turkey, 1 - 03 November 2021, pp.507-511

V. **Investigation of the Effect of Temperature and Foaming Time on AA2024 Based Metal Foam Production**

Tunç S. A., Çanakçı A., Karabacak A. H., Özkaya S.

1st International Conference on Applied Engineering and Natural Sciences, Konya, Turkey, 1 November - 03 December 2021, pp.494-497

VI. **Machining of Metal Matrix Hybrid Nanocomposites with WEDM Method**

Karabacak A. H., Çanakçı A., Tunç S. A., Özkaya S.

1st International Conference on Applied Engineering and Natural Sciences, Konya, Turkey, 1 - 03 November 2021, pp.502-506

VII. **Production and Characterization of AA2024 Based Foam Layered Functionally Graded Composites**

Tunç S. A., Çanakçı A., Karabacak A. H.

1st International Conference on Applied Engineering and Natural Sciences, Konya, Turkey, 1 - 03 November 2021, pp.498-501

Supported Projects

Çanakçı A., Çuvalcı H., Gedikli H., Yılmaz A. H., Varol T., Erdemir F., Karabacak A. H., Tunç S. A., Başkan T., Meriç D., et al., Project Supported by Higher Education Institutions, Production and Characterization of New Generation Functional Composite Armor Plates with High Ballistic Resistance and Radiation Absorption Properties, 2022 - 2025

Metrics

Publication: 7