Prof. Dr. Mustafa Sabri GÖK
Makine Mühendisliği
Bartın Üniversitesi
Tel.: xxxx; E-posta: xxxx

EĞİTİM BİLGİLERİ:

Doktora: (2008) Metalurji eğt. Metalurji, Fırat Üniversitesi, Elazığ, TÜRKİYE.
Yüksek Lisans: (2001) Metalurji eğt. Metalurji, Fırat Üniversitesi, Elazığ, TÜRKİYE.
Lisans: (1996) Makine Öğretmenliği, Makine, Fırat Üniversitesi, Elazığ, TÜRKİYE.

ÜNVAN:

2018-	Professor	Makine Mühendisliği, Bartın Üniversitesi, Bartın, TÜRKİYE.
2013-2018	Doçent	Makine Mühendisliği, Bartın Üniversitesi, Bartın, TÜRKİYE.

ONUR VE ÖDÜLLER:

1999, XYZ
1998, XYZ

YAYINLANMIŞ KİTAPLAR ve KİTAPLARDA BÖLÜMLER:

Çalışkan Halil, Kurşuncu Bilal, Güven Şevki Yılmaz, Karaoğlanlı Abdullah Cahit, Gök Mustafa Sabri, ,Alsaran Akgün., Machining, Joining and Modifications of Advanced, Advanced Structured Materials

PATENTLER:

TR 2015 02515 B
Aşınmaya Dirençli Yeni Bir Seramik Malzemesi ve Kaplanması.

YAYINLANMIŞ MAKALELER (SCI indeks):

1. Korkut, M.H, Koç, V. **Gok, M.S.** (2007). **'**Adhesive And Abrasive Wear Behaviour of TiC Alloyed Sintered Austenitic Stainless Steels' *Tribology: Materials, Surfaces & Interfaces* 1 (4):173- 180.

2. Korkut, M.H, Koç, V. **Gok, M.S.** (2007). 'Abrasive Wear Behaviour of Sintered Composite Austenitic Stainless Steels Having γ-Fe and M23C6 phases' *Tribology: Materials, Surfaces & Interfaces* 1 (3): 124-130.

3. Korkut, M.H. **Gok, M.S.** (2008). 'Effects of different metals on adhesive wear behaviour of alloy surface produced by TIG process' *Tribology: Materials, Surfaces & Interface* 2 (3): 139-145.

4. Korkut, M.H. **Gok, M.S.** (2009). 'Abrasive wear characteristics of coating area of low carbon steel surfaca alloyed through tungsten inert gas welding process' *Surface Engineering* 25 (7): 517-525.

5. **Gok, M.S.** (2010). 'The effect of different ceramics on the abrasive wear behavior of coating surface produced by the plasma process' *International Journal of the Physical Sciences* 5 (5): 535-546.

6. Gencel, O. Kocabas, F. **Gok, M.S.** Koksal, F. (2010). 'Comparison of artificial neural networks and general linear model approaches for the analysis of abrasive wear of concrete' *Construction and building materials* 25(8) 3486-3494.

7. Gencel, O. **Gok, M.S.** Brostow, W. (2010). 'Effect of metallic aggregate and cement content on abrasion resistance behavior of concrete' *Materials Research Innovations* 15(2) 1: 116-123.

8. Cay, V.V. Ozan. S. **Gok, M.S.** (2011). 'The effect of hydrogen shielding gas on microstructure and abrasive wear behavior in the surface modification process using the tungsten inert gas method' *Journal of Coatings Technology* 8 (1): 97–105.

9. **Gok, M.S.** Kucuk, Y. Koc, V. Gencel, O. Brostow, W. (2011) 'Application of Taguchi method to study abrasive wear behaviour of ceramic coated specimens with plasma technique' *Mechanics of Advanced Materials and Structures* 18:389–395.

10. **Gok, M.S.** Gencel, O. Kucuk, Y. Koc, V, Cay, V.V. (2011), 'Effect of abrasive particle size on abrasive wear of ceramic-coated surfaces' *Powder Metallurgy and Metal Ceramics* Vol. 50, No. 5-6,

11. Pekgözlü, I. Erdoğmuş, E. Demirel, B. **Gok, M.S.** (2011). Karabulut H, Basak AS, 'A novel UV-emittingphosphor: Li6CaB3O8.5:Pb2þ' *Journal of Luminescence*, 131 2290–2293.

12. Gencel, O. Brostow, W. Martínez-Barrera G, **Gok, M.S.** (2012). 'Mechanical properties of polymer concretes containing different amount of hematite or colemanite' *Polimery*, 57(4) 17-24.

13. Çay, V.V. Ozan, S. **Gok, M.S.** Erdoğan A. (2013). 'The effect of shielding gas composition on microstructure and abrasive wear resistance fabricated with PTA alloying technique' *Archives of Metallurgy and Materials* vol.58, issue 4/.

14. Günen, A. Orhan, N. Erdoğan, A. Kurt, B. **Gok, M.S.** (2013). 'İnvestigation of micro-abrasion wear behavior of boronized stainless steel with nanoboron powders'. *Tribology transactions* Vol 56, Issue 3.

15. Unal, O. Varol, R. Erdoğan, A. **Gok, MS.** (2013). 'Wear Behaviour of low carbon steel After Severe Shot Peening' *Materials Research Innovations*, DOI.org/10.1179/1433075X13Y.0000000106.

16. Gencel, O. Sutcu, M. Erdogmus, E. Koc, V. Cay, V.V. **Gok, M.S.** (2013). 'Properties of bricks with waste ferrochromium slag and zeolite' *Journal of Cleaner Production* DOI: 10.1016/j.jclepro.2013.06.055

17. Çalışkan, H. Erdoğan, A. Panjan, P. **Gok, M.S**. Karaoğlanlı, A.C. (2013). "Micro-abrasion wear testing of multilayer nanocomposite TiAlSiN/TiSiN/TiAlN hard coatings deposited on AISI H11steel" *Materials and technology.* 47 5, 563–568,

18. Karaoglanli, A.C. **Gok, M.S.** Erdogan, A. Turk, A. (2013). 'A Comparative Study of Wear Effect of CoNiCrAlY Coatings fabricated by APS, HVOF and CGDS Techniques' *Tribology transactions* DOI: 10.1080/10402004.2013.820372.

19. Korkut, M.H. **Gok, M.S**. Karaoglanli, A.C. Kucuk, Y. Er, Y. Erdogan, A. (2013). 'Effect of Abrasıve Grıt Sıze on Wear Behavıor of Ceramic Coatıngs by Mıcro-Abrasıon Test' *Materials and technology* 47 6, 695–699.

20. Kurt, B. Kucuk, Y. **Gok, M.S**. (2014). "Microabrasion Wear Behavior of VC and CrC Coatings Deposited by Thermoreactive Diffusion Technique" *Tribology Transactions* 57: 345-352.

21. Gunen, A. Ulutan, M. **Gok, M.S.** Kurt, B. Orhan, N. (2014). 'Frıctıon and Wear Behavıour of Borıded AISI 304 Staınless Steel Wıth Nano Partıcle and Mıcro Partıcle Sıze of Borıdıng Agents' *journal of the balkan tribological association* vol. 20, no 3, 362–379

22. Gunen, A. Kucuk, Y. Er, Y, Cay, V.V. Öge, M, **Gok, M.S**. (2015). 'Effec of the powder particle size on the wear bwhaviour of boronized AISI 304 stainless Steel' *journal of the balkan tribological association,* (doi: 10.3139/120.110732) vol. 57, no 5, 468–473

23. Günen, Ali. Kanca, E. Demir, M. Er, Y. Sağlam, G. & **Gök, M.S**. (2016). 'Micro-Abrasion Wear Behavior of Fast Borided Steel Tooth Drill Bits' *Tribology Transactions*, DOI 10.1080/10402004. 1159359.

24. **Gök, M.S.** Küçük, Y, Erdoğan, A, Öge M, Kanca E, Günen A., (2017). 'Dry sliding wear behavior of borided hot-work tool steel at elevated temperatures' *Surface & Coatings Technology* 328 54–62

25. Günen, A. Kanca, E. Çakir, H. Karakaş, M.S. **Gök, M.S.** Küçük, Y. (2017). 'Effect of borotitanizing on microstructure and wear behavior of Inconel 625' *Surface&CoatingsTechnology* 311 374–382

26. Karademira, I. Unal, O. Ates, S. Gokce, H. and **Gok, M.S.** (2017) 'Effect of Severe Plastic Deformation on Wear Properties of Aluminum Matrix Composites' *Acta Physıca Polonıca A*, Vol. 131 No. 3

27. Küçük, Y. Öztel, A, Balalı, M.Y. Öge, M Gök M.S. (2017). 'Evaluatıon Of The Wear Behavıor Of Nıtrıde-Based Pvd Coatıngs Usıng Dıfferent Multı-Crıterıa Decısıon-Makıng Methods' *Materıals And Technology*, DOİ:10.17222/mit.2016.041.

28. Günen, A. Kanca, E. K, M.S. Koç, V. Gök, M.S. Kanca, Y. Çürük, A. Demir, M. (2018). 'High Temperature Wear Behavior of the Surface-Modified Externally Cooled Rolls' *Surface & Coatings Technology* DOİ:10.1016/j.surfcoat.2018.04.071.

29. Kucuk,Y. Oge, M. **Gök M.S**. Karaoglanli, A.C. (2018). 'Ferrochromium slag as a protective coating material against oxidation for caster rolls' Applied Ceramic Technology DOI: 10.1111/ijac.12875.

30. Kurt, B, Günen, A. Kanca Y, Koç, V, **Gök M.S**. Kırar, E. Askerov K. (2018). Properties and Tribological Behavior of Titanium Carbide Coatings on AISI D2 Steel Deposited by Thermoreactive Diffusion. *The Minerals, Metals & Materials Society* doi.org/10.1007/s11837-018-3108-5.

31. Günen, A. Kanca Y, Karahan İ H. Karakaş M S. **Gök M.S**. Kanca E. Çürük A. (2018). A Comparative Study on the Effects of Different Thermochemical Coating Techniques on Corrosion Resistance of STKM-13A Steelhttps The Minerals, Metals & Materials Society and ASM International doi.org/10.1007/s11661-018-4862-2

32. **Gok, M. S,** Ozlıman, H. (*2019). '*Investigation of Abrasive Wear Behavior of Industrial Wastes on Al 6061 Material Using Rubber Wheel Abrasion Test (RWAT) Method' *Materıals Scıence (Medžıagotyra). Vol. 25, No. 1.*

33. D, Ozkan, **M S Gok,** H Gokkaya, A C Karaoglanlı. (*2019).* *'*The Effect of Cutting Parameters on Tool Wear During the Milling of Carbon Fiber Reinforced Polymer (CFRP) Composites*'* *Materıals Scıence (Medžıagotyra). Vol. 25, No. 1. 2019*

34. M Oge, D Ozkana, M.B Celik, **M S Gok**, A C Karaoglanli. (*2019).'* Materials An Overview of Utilization of Blast Furnace and Steelmaking Slag in Various Applications' *Today: Proceedings* 11 (2019) 516–525

35. D Ozkana, **M S Gok,** M Oge, A C Karaoglanli. (*2019).* 'Milling Behavior Analysis of Carbon Fiber-Reinforced Polymer (CFRP) Composites Materials'. *Today: Proceedings* 11 (2019) 526–533

36. A Gunen, B Kurt, P Milner, **M S Gok,** (*2019).* 'Properties and tribological performance of ceramic-base chromium and vanadium carbide composite coatings'. *International Journal of Refractory Metals & Hard Materials.* 81 (2019) 333–344

37. A Erdogan, **M S Gok**, V Koç, A Günen, (*2019).* Friction and wear behavior of epoxy composite filled with industrial wastes. *Journal of Cleaner Production*. 237 (2019) 117588

38. T Yener, A Erdoğan, **M S Gök,** S Zeytin, (*2019).* 'Nb and B effect on mechanical properties of Ti–Al based intermetallic materials'. *Vacuum. 169 (2019) 108867*

39. A Erdoğan, **M S Gök,** S Zeytın, (*2019). '*Analysis of the high-temperature dry sliding behavior of CoCrFeNiTi0.5Alx high-entropy alloys'. *Friction.* ISSN 2223-7690 https://doi.org/10.1007/s40544-019-0278-2

40. M Öge, Y Kucuk, **M S. Gok,** A C Karaoglanli, (*2019). '*Comparison of dry sliding wear behavior of plasma sprayed FeCr slag coating with Cr2O3 and Al2O3-13TiO2 coatings. International *journal of Applied Ceramic Technology*. DOI: 10.1111/ijac.13273

YAYINLANMIŞ KONFERANS MAKALELERİ:

1. **Gök, M.S.** Koç, V. Korkut, M.H. Yıldırım M.M. (2006) 'Toz Metalurjisi İle Üretilen Ostenitik Paslanmaz Çeliğin Mekanik Özelliklerine Karbür Yapıcı Elementlerin Etkisi'. 11. Uluslararası Malzeme Sempozyumu, Denizli, Türkiye.
2. Korkut, M.H. Koç, V. **Gök, M.S.** Yıldırım M.M. (2006) 'Toz Metalurjisi İle Üretilen Ostenitik Paslanmaz Çeliğin Abrasiv Aşınma Direncine Molibdenin Etkisi'. 11. Uluslararası Malzeme Sempozyumu, Denizli, Türkiye.
3. **Gök, M.S.** Koç, V. Korkut, M.H. Yıldırım M.M. (2006) 'Toz Metalurjisi İle Üretilen Ostenitik Paslanmaz Çeliğin Adhesiv Aşınma Direncine Molibdenin Etkisi'. 11. Uluslararası Malzeme Sempozyumu, Denizli, Türkiye.
4. **Gök, M.S.** Kücük, Y. Erdoğan, A. (2012) 'Abrasive Slurry wear yöntemi kullanılarak yüksek fırın cürufunun seramik kaplamalar üzerinde aşındırma özelliğinin belirlenmesi' 14. Uluslararası Malzeme Sempozyumu, Denizli, Türkiye.
5. Ünal, O. Varol, R. Erdoğan, A. **Gök, M.S**. (2012) 'Wear Behaviour of low carbon steel After Severe Shot Peening' 14. Uluslararası Malzeme Sempozyumu, Denizli, Türkiye.
6. **Gök M.S.** Küçük, Y. Öge, M. Sağlam, G. Günen, A. (2016) 'Mıcroabrasıon wear behavıor of boronızed cold worked tool steel.336'. International Conference on Material Science and Technology in Cappadocia, Nevsehir, Turkey.
7. Küçük, Y. **Gök M.S.** Öge M. (2016), The effect of partıcle sıze on adhesıve wear behavıour ceramıc coatıng wıth oxıde content., 386. International Conference on Material Science and Technology in Cappadocia (IMSTEC'16), Nevsehir, Turkey.
8. Küçük, Y. **Gök M.S.** Öge M. (2016). 'Hıgh temperature wear behavıour of CR_2O_3 coatıng deposıted wıth aps method' 459. International Conference on Material Science and Technology in Cappadocia (IMSTEC'16), Nevsehir, Turkey.

9. Küçük, Y. **Gök M.S.** Öge M. (2016). 'Hıgh temperature wear behavıour of Al_2O_3+TiO coatıng deposıted wıth aps method'. 706. International Conference on Material Science and Technology in Cappadocia, Nevsehir, Turkey
10. Dal, S. Sütçü, M. **Gök, M.S.** Gençel, O. (2016) 'Effect of vermıculıte addıtıon on the sıntering properties of fıreclay refractory brıcks' 395. International Conference on Material Science and Technology in Cappadocia, Nevsehir, Turkey.
11. Dal, S. Sütçü, M. **Gök, M.S.** Gençel, O. (2016). 'Investıgatıon of the properties of vermıculıte based brıcks produced usıng a clay bınder., 957. International Conference on Material Science and Technology in Cappadocia Nevsehir, Turkey
12. Dal, S. Sütçü, M. **Gök, M.S.** Gençel, O. . (2016). 'Effect of bınder clay addıtıons on the sıntering properties of fıreclay refractory brıcks., 1002. International Conference on Material Science and Technology in Cappadocia (IMSTEC'16), Nevsehir, Turkey.
13. **Gök, M.S.** Kursuncu, B. (2017) Wearing Characteristic of Granulated Blast Furnace Slag on AISI 1020 and AL 6061 MaterialsFourteenth International Conference on Flow Dynamics November, Sendai, Miyagi, Japan.
14. Koç, V. **Gök, M.S.** Küçük, Y. Türkyücel H. (2017). 'Dry Sliding Wear Behavior of Epoxy Composite Reinforced with Steelmaking Slag. International Advanced Researches & Engineering Congress-Osmaniye, Turkey.
15. Günen, A. Kanca, E. Karakaş, M.S. **Gök, M.S.** Demir, M. Çürük, A. Kırar, E. (2017) Investigation of the Corrosion Behavior of Surface-Modified STKM-13A Steel in Hydrofluoric Acid Solution., International Advanced Researches & Engineering Congress-Osmaniye, Turkey.
16. Ustaoğlu, A. Kurtoğlu, K. Gençel, O. Erdoğmuş, E, **Gök, M.S.** (2017) 'Effect of paper waste reinforced clay bricks on building energy cost' 1st International Symposium on Multidisciplinary Studies and Innovative Technologies Proceedings Book, Tokat, Turkey.

17. Ustaoğlu, A. Kurtoğlu, K. Gençel, O. Erdoğmuş, E, **Gök, M.S.** (2017) Eva'luation of building energy performance with paper waste reinforced clay brick' 1st International Symposium on Multidisciplinary Studies and Innovative Technologies Proceedings Book, Tokat, Turkey.

18. Özkan, D. **Gök, M.S.** Gökkaya, H. Karaoğlanli A.C. (2018). 'Delamination failure mechanisms that arise during the milling of Carbon Fiber Reinforced Polymers'. Karabük, Türkey.

19. Özkan, D. **Gök, M.S.** Gökkaya, H. Karaoğlanli A.C. (2018). 'Investigation of Surface Roughness during the Milling of Carbon Fiber Reinforced Polymers'. Karabük, Türkey.

ARAŞTIRMA PROJELERİ:

1. Araştırmacı, Taneleri İnceltilmiş Mangan Islah Çeliğinin Aşınma Davranışlarının Araştırılması, (Fırat Üniversitesi – 2000 TL), 2002.

2. Araştırmacı, Düşük ve Orta Karbonlu Çeliklerin Yüzeyine Tig Kaynak Metoduyla Kaplanan Ostenitik Paslanmaz Çelik Tozunun Aşınma Direncine Karbür İçeriğinin Etkisinin Araştırılması, (Fırat Üniversitesi – 2000 TL), 2002.

3. Yürütücü, Mikro-abrasyon Testinde Oksit İçerikli Atık Malzemelerin Aşındırma Karakteristiklerinin Araştırılması, (Bartın Üniversitesi – 2000 TL), 2012.

4. Araştırmacı, Farklı Bileşime Sahip Sert Maden Kesici Uçların Mikro Aşınma Davranışlarının İncelenmesi, (Fırat Üniversitesi – 5000 TL), 2013.

5. Yürütücü, Genleştirilmiş vermikülit, diatomit ve şamot kili içeren hafif refrakter izolasyon tuğlalarının geliştirilmesi ve özelliklerinin incelenmesi, (Bartın Üniversitesi – 5000 TL), 2014.

6. Yürütücü, Endüstriyel Atıkların RWAT (Rubber Whell Abrasion Test) Yöntemi Kullanılarak Aşındırma Özelliklerinin Araştırılması, (Bartın Üniversitesi – 10000 TL), 2012.

7. Araştırmacı, Atık FeCr cüruf tozunun termal sprey yöntemi ile kaplanması ve aşınma ve oksidasyon davranışlarının oksit içerikli ticari kaplamalarla karşılaştırılması. (TÜBİTAK, MAG-113M178 150000 TL), 2013.

8. Yürütücü, Endüstriyel Atık Katkılı Polimer Matrisli Kompozitin Adeziv Aşınma Davranışı, (Bartın Üniversitesi – 4000 TL), 2018.

9. Araştırmacı, Küresel Grafitli Dökme Demirin Yüksek Sıcaklık Aşınma, Termal Yorulma ve Korozyon Dirençlerinin Geliştirlmesi. (TÜBİTAK, MAG-118M760 150000 TL), 2019.