

**Ferit Sait**

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**PERSONAL**

<b>Date of Birth</b>	03.05.1986
<b>Place of Birth</b>	MIYANDOAB

**EDUCATION**

<b>2013 - 2020</b>	Middle East Technical University, Aerospace Engineering, Ph. D.
<b>2010 - 2013</b>	Middle East Technical University, Mechanical Engineering, M.S.
<b>2004 - 2008</b>	Azad University, Mechanical Engineering, B.A.

**ACADEMIC POSITIONS**

<b>Jan 2021- Present</b>	Assistant Professor, Department of Aerospace Engineering Atılım University, Turkey
<b>Feb 2016- Dec 2020</b>	Instructor, Department of Mechanical Engineering Atılım University, Turkey

**HONORS & AWARDS**

<b>1</b>	Honored Ph.D. student in the Middle East Technical University Aerospace Department, 2013-2020
<b>2</b>	Ranked less than top 100 students among state students, having the right to study in National Organization for Development of Exceptional Talents (NODET)

**RESEARCH INTERESTS**

<b>1</b>	Computational Mechanics
<b>2</b>	Fracture Mechanics
<b>3</b>	Phase-Field Modeling
<b>4</b>	Continuum Mechanics
<b>5</b>	Constitutive material modeling
<b>6</b>	Finite Element Method

## JOURNAL PUBLICATIONS

1	F. Sait, E. Gurses and O. Aslan, "Modeling and simulation of coupled phase transformation and stress evolution in thermal barrier coatings," International Journal of Plasticity, 134, 102790, 2020
2	F. Saeidi, S. Dag, "Thermal Fracture Analysis of Fibrous composites with Variable Fiber Spacing Using Jk-Integral," IJMME, 11, 3, 2017

## BOOK CHAPTERS

1	F. Saeidi, E. Gurses and O. Aslan, "A Numerical Approach to Simulate Oxidation in Thermal Barrier Coatings," in Reference module in material Science and Material Engineering, pp. 986-992, Elsevier Ltd., 2020.
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## CONFERENCE PRESENTATIONS

1	O. Aslan, F. Saeidi, Numerical Simulation of Thermally Grown Oxide in a Thermal Barrier Coating, Plasticity, Puerto Vallarta, 2016.
2	F. Saeidi, R. Orhan Yildirim, "Interaction of Armour Penetrating Bullet with Non-Explosive Reactive Armour Cassette," SAVTEK, METU, 2016
3	F. Saeidi, M. C. Kurt, T. Deniz, E. Gürses, 3D Numerical Simulation of Nonenergetic Reactive Armor," 8th Ankara International Aerospace Conference (AIAC), 2015.
4	Kurt M. C. , Saeidi F., Gürses E., Çukur Imla Sisen Zirh Etkilesiminin Sayisal Yöntemlerle Incelenmesi, (Simulation of Shaped charge Jet and Non-explosive Reactive Armor Interaction)," SAVTEK, METU, 2014
5	Rohani B., Latifi-Navid M., Saeidi F., Ghaziani M, "A Hydraulic Strategy Design for Modeling and Simulation of A Mold Oscillation System, "The 15th International Conference on Machine Design and Production, June 19– 22, Pamukkale, Denizli, Turkey, 2012

## COURSES GIVEN

1	ME210 Mechanics of Materials
2	ME201 Statics
3	ME108 Computer Aided Solid Modeling