



**Ender Keskinliç, Ph.D.**

**Professor**

Atılım University

Chairperson, Department of Metallurgical & Materials Engineering

06830 İncek, Gölbaşı, Ankara/TURKEY

ender.keskinkilic@atilim.edu.tr

Tel: +90 312 586 8305

**PERSONAL**

<b>Date of Birth</b>	April 17, 1977
----------------------	----------------

**EDUCATION**

2001-2007	Middle East Technical University, Metallurgical & Materials Engineering, Ph.D.
1999-2001	Middle East Technical University, Metallurgical & Materials Engineering, M.S.
1995-1999	Middle East Technical University, Metallurgical & Materials Engineering, B.S.

**ACADEMIC POSITIONS / WORK EXPERIENCE**

<b>2020-present</b>	Professor, Dept. of Metallurgical & Materials Engineering, Atılım University, Turkey
<b>2014-2020</b>	Assoc. Professor, Dept. of Metallurgical & Materials Engineering, Atılım University, Turkey
<b>2009-2014</b>	Assist. Professor, Dept. of Metallurgical & Materials Engineering, Atılım University, Turkey
<b>2008-2009</b>	Inst. Dr., Dept. of Materials Engineering, Atılım University, Turkey
<b>2003-2007</b>	Steelmaking Metallurgical Engineer, Ereğli Iron & Steel Works Co. (ERDEMİR), Quality Metallurgy & RD Dept., Kdz. Ereğli, Turkey
<b>1999-2003</b>	Research Assistant, Dept. of Metallurgical & Materials Engineering, Middle East Technical University, Turkey

**ADMINISTRATIVE DUTIES**

<b>July 2018-present</b>	Chairperson, Dept. of Metallurgical & Materials Engineering, Atılım University
<b>November 2017-present</b>	Chairperson, Modeling and Design of Engineering Systems (MODES) PhD Program, Atılım University
<b>July 2016-present</b>	Member, The Institute Administrative Committee of Graduate School of Natural and Applied Sciences, Atılım University
<b>February 2014-October 2017</b>	Vice Chair, Modeling and Design of Engineering Systems (MODES) PhD Program, Atılım University

**RESEARCH INTERESTS**

<b>1</b>	Pyrometallurgy
<b>2</b>	Iron and Steelmaking
<b>3</b>	Secondary Steelmaking
<b>4</b>	Ferroalloy Production
<b>5</b>	Nonferrous Extractive Metallurgy

## PUBLICATIONS

1	E. Keskinılıç, New Trends in Basic Oxygen Furnace Dephosphorization, <i>Journal of Mining and Metallurgy, Section B: Metallurgy</i> , Vol. 56, No: 1, B, pp. 1-10, 2020.
2	E. Keskinılıç, Nickel Laterite Smelting Processes and Some Examples of Recent Possible Modifications to the Conventional Route, <i>Metals</i> , 9, 974, <a href="https://doi.org/10.3390/met9090974">https://doi.org/10.3390/met9090974</a> , 2019.
3	E. Keskinılıç, S. Pournaderi, A. Geveci, Y.A. Topkaya, Use of Colemanite in Ferronickel Smelting, <i>Journal of Mining and Metallurgy, Section B: Metallurgy</i> , Vol. 55, No: 1, B, pp. 1-8, 2019.
4	E. Keskinılıç, Liquid Processing of Silicon Steels Using the Converter-Ladle Furnace-Circulation Degasser Route, <i>The Journal of The Southern African Institute of Mining and Metallurgy</i> , Vol. 119, No. 1, pp. 49-53, 2019.
5	S. Pournaderi, E. Keskinılıç, A. Geveci, Y.A. Topkaya, Laboratory Scale Smelting of Limonitic Laterite Ore From Central Anatolia, <i>The Journal of The Southern African Institute of Mining and Metallurgy</i> , Vol. 117, No. 7, pp. 695-703, 2017.
6	S. Pournaderi, E. Keskinılıç, A. Geveci, Y.A. Topkaya, Reducibility of Nickeliferous Limonitic Laterite Ore from Central Anatolia, <i>Canadian Metallurgical Quarterly</i> , Vol. 53, No. 1, pp. 26-37, 2014.
7	E. Keskinılıç, S. Pournaderi, A. Geveci, Y.A. Topkaya, Calcination Characteristics of Laterite Ores from Central Region of Anatolia, <i>The Journal of The Southern African Institute of Mining and Metallurgy</i> , Vol. 112, No. 10, pp. 877-882, October 2012.
8	E. Keskinılıç, Variations in Chemical Composition of Some Steels During Continuous Casting, <i>Metallurgist</i> , Vol. 55, pp. 803-809, March 2012.
9	E. Keskinılıç, Sulfide-type Inclusion Morphologies of a Ca-treated Hot-rolled Wheel Steel, <i>The Journal of The Southern African Institute of Mining and Metallurgy</i> , Vol. 111, No. 06, pp. 417-422, June 2011.
10	E. Keskinılıç, A. Geveci, Y.A. Topkaya, Desulphurization Characteristics of Ladle Furnace Slags of a Low Sulphur Steel, <i>Canadian Metallurgical Quarterly</i> , Vol. 46, No. 4, pp. 391-396, December 2007.

## CONFERENCE PRESENTATIONS

1	E. Keskinılıç, S. Pournaderi, A. Geveci, Y.A. Topkaya, Solid-State Reduction Studies for Recovery of Iron from Red Mud, 2020 TMS Annual Meeting, 11th International Symposium on High-Temperature Metallurgical Processing, pp. 511-519, February 23-27, 2020, San Diego, California, USA.
2	S. Eray, E. Keskinılıç, M. Varol, Y.A. Topkaya, A. Geveci, A Study on Recovery of Iron from Red Mud by Solid State Reduction Followed by Magnetic Separation, 2020 TMS Annual Meeting, 11th International Symposium on High-Temperature Metallurgical Processing, pp. 393-403, February 23-27, 2020, San Diego, California, USA.
3	E. Keskinılıç, S. Pournaderi, A. Geveci, Y.A. Topkaya, Smelting Studies for Recovery of Iron from Red Mud, 2019 TMS Annual Meeting, 10th International Symposium on High-Temperature Metallurgical Processing, pp. 489-499, March 10-14, 2019, San Antonio, Texas, USA.
4	E. Keskinılıç, A Statistical Analysis of Process Abnormalities in Slab Casting, 2018 TMS Annual Meeting, 9th International Symposium on High-Temperature Metallurgical Processing, pp. 381-389, March 11-15, 2018, Phoenix, Arizona, USA.
5	E. Keskinılıç, Pyrometallurgical Studies for Manganese Extraction Using Turkish Ore Reserves, 2017 TMS Annual Meeting, 8th International Symposium on High-Temperature Metallurgical Processing, pp. 205-213, February 26- March 2, 2017, San Diego, California, USA.
6	E. Keskinılıç, S. Pournaderi, A. Geveci, Y.A. Topkaya, A Study on the Characterization of Nickel Laterites of Central Anatolia, 2016 TMS Annual Meeting, 7th International Symposium on High-Temperature Metallurgical Processing, pp. 403-410, 14-18 February 2016, Nashville, Tennessee, USA.
7	E. Keskinılıç, S. Pournaderi, A. Geveci, Y.A. Topkaya, Production of Crude Ferronickel from Sivrihisar Laterite Ores of Turkey, 2013 TMS Annual Meeting, 4th International Symposium on High-Temperature Metallurgical Processing, pp. 453-460, March 3-7, 2013, San Antonio, Texas.

8	E. Keskinliç, S. Pournaderi, A. Geveci, Y.A. Topkaya, Sivrihisar Nikel Cevherlerinden Ferronikel Üretimi, International Iron and Steel Symposium (IISS 2012), pp. 345-352, April 2-4, 2012, Karabük, Türkiye.
9	E. Keskinliç, S. Pournaderi, A. Geveci, Y.A. Topkaya, Study of Certain Parameters in Laboratory-Scale Smelting of Sivrihisar Laterite Ores of Turkey, 2012 TMS Annual Meeting, 3rd International Symposium on High-Temperature Metallurgical Processing, pp. 491-498, March 11-15, 2012, Orlando, Florida, USA.
10	E. Keskinliç, S. Pournaderi, A. Geveci, Y.A. Topkaya, Study of Certain Parameters in Laboratory-Scale Prereduction of Sivrihisar Laterite Ores of Turkey, ALTA 2011 Nickel-Cobalt-Copper, Uranium & Gold Conference, May 23-27, 2011, Perth, Australia.
11	E. Keskinliç, S. Pournaderi, A. Geveci, Y.A. Topkaya, Calcination Behavior of Sivrihisar Laterite Ores of Turkey, 2011 TMS Annual Meeting, 2nd International Symposium on High-Temperature Metallurgical Processing, pp. 319-326, Feb. 27-March 3, 2011, San Diego, California, USA.
12	A. Geveci, E. Keskinliç, Y.A. Topkaya, Pota Fırını Curuflarının Kükürt Giderme Davranışlarının İncelenmesi, 13th International Metallurgy and Materials Congress, November 9-11, 2006, İstanbul, Türkiye.
13	A. Geveci, E. Keskinliç, Y.A. Topkaya, Desulfurization in the Ladle Furnace Using Industrial Slags, Sohn International Symposium on Advanced Processing of Metals and Materials: Principles, Technologies and Industrial Practice, Sohn International Symposium on Advanced Processing of Metals and Materials, Vol 7: Industrial Practice, pp. 317-327, August 27-31, 2006, San Diego, California, USA.
14	A. Geveci, E. Keskinliç, Study of Smelting Parameters in the Production of Silicomanganese from Denizli-Tavas Manganese Ores of Turkey, 2004 TMS Annual Meeting, March 14-18, 2004, Charlotte, North Carolina, USA.
15	E. Keskinliç, A. Geveci, Effect of Certain Variables on Silicomanganese Production from Denizli-Tavas Mn Ore, 3rd Balkan Metallurgical Conference, pp. 69-74, September 24-27, 2003, Ohrid, Macedonia.
16	E. Keskinliç, A. Geveci, Denizli-Tavas Manganez Cevherlerinden Silikomanganez Üretimi, 11th International Metallurgy and Materials Congress, June 5-8, 2002, İstanbul, Türkiye.

## PROJECTS

1	Stepwise Recovery of Valuable Elements from Red Mud, Principal Investigator(Assistant), Project No: 117M185, THE SCIENTIFIC AND TECHNOLOGICAL RESEARCH COUNCIL OF TURKEY (TÜBİTAK) 3501 project; 01.06.2018 - 01.11.2020
2	Optimization of Ferronickel Production from Sivrihisar Nickel Laterites and Use of Boron Compounds to Increase Nickel Recovery, Principal Investigator(Assistant)(METU BAP Project-03-08-2012-002; Jan. 2012 - Dec. 2013)
3	Ferronickel Production from Turkish Nickel Laterite Ores, Principal Investigator, Project No: 109M068, THE SCIENTIFIC AND TECHNOLOGICAL RESEARCH COUNCIL OF TURKEY (TÜBİTAK) 1001 project; 15.02.2010 - 15.11.2011.

## THESES SUPERVISED

1	PhD Thesis, Saeid Pournaderi, Optimization of Ferronickel Production from Sivrihisar Nickel Laterite Ore, Coadvisor, Middle East Technical University, 2014.
2	MS Thesis, Mustafa Varol, Kırmızı Çamurdan Pirometalurjik Yöntemle Demirin Geri Kazanımı, Coadvisor, Ağrı İbrahim Çeçen University, 2019.

## PROFESSIONAL SERVICE

1	2020, <i>Co-Organizer</i> , TMS 11th International Symposium on High Temperature Metallurgical Processing
2	2019, <i>Co-Organizer</i> , TMS 10th International Symposium on High Temperature Metallurgical Processing
3	2018, <i>Co-Organizer</i> , TMS 9th International Symposium on High Temperature Metallurgical Processing

4	2017, <i>Member</i> , TMS Pyrometallurgy Committee (Feb.2017-present)
5	2017, <i>Co-Organizer</i> , TMS 8th International Symposium on High Temperature Metallurgical Processing
6	2016, <i>Chair</i> , TMS 7th International Symposium on High Temperature Metallurgical Processing, "Extraction and Recovery of Metals" session
7	2013, <i>Chair</i> , TMS Characterization of Minerals, Metals and Materials 2013, "Surface, Joint, and Processing of Metals" session
8	2012, <i>Chair</i> , TMS 3rd International Symposium on High Temperature Metallurgical Processing, "Pelletizing and Raw Materials Processing" session

### **COURSES GIVEN**

1	Engineering Fundamentals (E101 / MATE101), 2009-2016
2	Introduction to Metallurgical and Mat. Eng. & Mat. Industry (MATE102 / MATE103), 2009-2018
3	Thermodynamics of Materials I (MATE203), 2013-
4	Thermodynamics of Materials II (MATE204), 2018-
5	Iron and Steel Production Technologies (MATE305 / MATE312), 2008-2017, 2019-
6	Secondary Steelmaking (MATE482), 2009-2014, 2019-
7	Nonferrous Metallurgy and Nonferrous Industry (MATE306 / MATE486), 2009-
8	Chemical Principles in Production of Metals (MATE303), 2018-
9	Introduction to Materials Engineering (MATE207), 2008-2018
10	Undergraduate Seminar / Undergraduate Research (MATE419 / MATE409), 2018-
11	Graduation Project (MATE420), 2010-
12	Research Methodology and Communication Skills (MDES600), 2018-
13	Advanced Thermodynamics of Materials (MATE502), 2019-
	Courses assisted during RA/TA period in METU (1999-2003): Transport Phenomena (METE305), Nonferrous Extractive Metallurgy (METE402), Production of Ferroalloys (METE516), Extractive Metallurgy of Copper (METE525), Metallography (METE320), Engineering Drawing (ME101).