

PROF. DR. MUSTAFA CIGDEM

1. QUALIFICATIONS

Date	Degree (*)	University	Area of Study
1981-1985	B.S.	Istanbul Technical University	Metallurgy
1987-1988	M.S.	Birmingham University	Metallurgy and Materials
1988-1990	Ph.D.	Birmingham University	Metallurgy and Materials

2. ACADEMIC EXPERIENCE

Period of Employment	Title	Department	University
2000-	Prof. Dr.	Metallurgy and Materials	Yildiz Teknik Üniversitesi
1995-2000	Doç. Dr.	Metallurgy and Materials	Yildiz Teknik Üniversitesi
1994-1995	Doç. Dr.	Project Development Centre and Dept. of Aircraft Engineering	Turkish Airforce Academy
1991-1994	Y.Doç. Dr.	Metallurgy and Materials	Yildiz Teknik Üniversitesi

3. WORK EXPERIENCE

Period of Employment	Employment Description	Organization
1990-1991	Research Fellow	Bullpit Engineering and Birmingham University

4. CONSULTANCY EXPERIENCE

Period of Employment	Consultancy Description	Organization
2000-2002	Continious casting and thermo-mechanical processing of gold alloys	Be-Sa Jewellery
2003-2005	Co-Cr-Mo and Ni-Cr-Mo based dental alloys and investment casting	Polymetal

5. PROFESSIONAL MEMBERSHIPS

Period of Membership	Membership Description	Organization
1994-	Member of Technical Commite	Turkish Iron and Steel Foundrymen's Assosiation
1992-	Advisory board	Aluminium
2000-	Honorary member	Turkish Aluminium Industrialists' Assosiation
2003-	Advisory board	Technical Journal of Turkish Airforce Academy

6. AWARDS and PATENTS

Name of Award/Patent	Organization	Date
Science incitement award	Yildiz Technical University	1993-1994-1995- 1996-1997-1999- 2006
The best microstructure	The Institute of Materials (UK)	1989

7. PUBLICATIONS

BOOKS

A. TOPUZ, M. MARŞOĞLU, S. KUCUKKARAGÖZ ve MQİGDEM, "Mühendislik Malzemeleri" 2001, İstanbul.
M. CIGDEM, "İmal Usulleri" Çağlayan Kitabevi, (2. Ed.) 2006, İstanbul.

ACADEMIC JOURNAL PAPERS

B. YORUÇ, M. SARİDEDE and M. CIGDEM, "A study on the structural analysis of aluminium drosses and processing of industrial aluminium salty slags", Scandinavian Journal of Metallurgy, 34 (3): 213-219, 2005.

A.B. YORUÇ, Ş.AKMAN ve M. CIGDEM, "Endüstriyel filtre sistemlerinin seçiminde kullanılan kriterlerin incelenmesi", Metal Diinyası, Ocak 2001, sayı 92, 20.

CONFERENCE PROCEEDINGS

N.M. SARİDEDE, B. YAMAN, S. KUCUKKARAGÖZ ve M. CIGDEM, "Kullanılmış alüminyum içecek kutularının geri dönüşümünde uygulanan ark ergitme ve flaks altı ergitme proseslerinin karşılaştırılması", II. Alüminyum Sempozyumu, 22-24 Mayıs 2003, Seydişehir.

H.M. ERMIŞ, B. YAMAN, S. KUCUKKARAGÖZ ve M. CIGDEM, "Etial 145 Al-Si (AA 332) alaşımının modifikasyonu" II. Alüminyum Sempozyumu, 22-24 Mayıs 2003, Seydişehir.

K. A. GÜLER ve M. CIGDEM, "Dökülebilir kalıplarda segregasyon", 12. Metalurji ve Malzeme Kongresi 28 Eylül-2 Ekim 2005, İstanbul .

8. INSTITUTIONAL and PROFESSIONAL DUTIES

2003-2004 Deputy Manager of BFACT, Yıldız Technical University
2004-2005 Manager of BFACT, Yıldız Technical University
2004 Head of Material Eng. Division, Yıldız Technical University
2004-2006 Head of Department of Metallurgy and Materials, Yıldız Technical University

9. PROFESSIONAL ACTIVITIES