***Short CV***

1. **Name and Academic Rank**

M. A. SAVAŞ, Professor

1. **Academic rank**

Professor, Full time

1. **Degrees with fields, institution, and dates**

BS-Metallurgy, Manchester University, Great Britain, June 1980

MS-MetE, Queen’s University, Canada, September 1982

PhD-MetE, Queen’s University, Canada, June 1986

1. **Dates of advancement in rank**

Assistant Professor, Boğaziçi University, February 9, 1987

Associate Professor, Boğaziçi University, October 23, 1989

Professor, Boğaziçi University, September 15, 1998

Professor - Emeritus, Boğaziçi University, December 15, 2007

1. **Teaching and research. (responsibility, location dates)**

Instructor - Lecturer, Boğaziçi University, Turkey, Feb. 1987 – Dec. 2007

Visiting Research Associate, Queen’s University, Canada, Sept. 1986 – Feb. 1987

Visiting Research Associate, Queen’s University, Canada, July. 1987 – Sept. 1987

Visiting Research Associate, Queen’s University, Canada, July 1988 – Sept. 1988

Visiting Associate Professor, Mersin University, Turkey, Sept. 1995 – Sept. 1996

Visiting Research Associate, Queen’s University, Canada, Feb. 2001 – Dec. 2001

Part-time Lecturer, Yeditepe University, Turkey, July 2003 – Dec. 2003

Lecturer, Near East University, TRNC, Sept. 2009- To date

1. **Consulting, patents, etc.**

Sanitary Ceramics Project, Eczacıbaşı A.Ş, Turkey, Nov. 1999 - Dec. 2000

Project Assessments for MİSAG - TÜBİTAK, Turkey, Sept. 1992 - Dec. 2007

Project Assessments for TTGV (Turkish Technology Development Foundation), Turkey,

July 2002 - Dec. 2007

Consultant, Pireks Copper Alloys Extrusion Works, Turkey, Sept. 2005 - Sept. 2009

1. **Some principal publications of last twelve years**

\*Özlem Boydak, Mahmut Savaş, Bülent Ekici, ‘A numerical and an experimental investigation of a high-pressure die-casting aluminium alloy’, International Journal of Metalcasting, vol. 10, issue 1, pp. 56-69, 2016.

\*A. Evcil, F. Alshanableh, M.A. Savaş, ‘Estimation of solid fraction during freezing of biodiesel using Newtonian thermal analysis’, submitted to International Journal of Green Energy.

\*F. Alshanableh, A. Evcil, M.A. Savaş, ‘Prediction of cold flow properties of biodiesel from fatty acid composition of the feedstock using multiple regression and neural networks and comparison with the experimental data’, submitted to International Journal of Green Energy.

\*Ali Evcil, Filiz Alshableh, Cemal Gövsa, Mahmut A. Savaş*,*’Taze ve atık kanola yağlarından biyodizel üretimi ve soğuk akış özelliklerinin KKTC koşulları açısından değerlendirilmesi’, 9. Ulusal Temiz Enerji Sempozyumu, 25-28 Aralık 2013, Selçuk Üniversitesi, Konya, Bildiriler Kitabı, s. 1-11.

\*Ali Evcil, Filiz Alshanableh, Cemal Gövsa, Mahmut A. Savaş, ‘Atık Kızartma Yağından Biyodizel Üretimi ve Soğuk Akış Özelliklerinin KKTC İklim Koşullarına Uyarlanması’, YEKSEM (Yenilenebilir Enerji Kaynakları Sempozyumu) 2013, 4-6 Ekim 2013, Girne, KKTC, <http://www.yeksem.2013.org>.

\*F. Alshanableh, A. Evcil, C. Gövsa, M.A. Savaş, ‘A comparative examination of cold flow properties and acidity of biodiesel produced from virgin and waste canola oil’, accepted for ICERDS 5: International Conference on Energy Research and Development, April 5, 2012,

<http://www.icerd5.org>.

\*F. Alshanableh, A. Evcil, C. Gövsa, M.A. Savaş, ‘A comparison of cold flow properties of biodiesel produced from virgin and used frying oil’, presented at IGEC - 6: International Green Energy Conference, June 5, 2011, Eskişehir, Turkey

<http://igec6.anadolu.edu.tr>.

\*A. Evcil, F. Alshanableh, C. Gövsa, M.A. Savaş, ‘Biodiesel production from waste frying oil

and determination of its cold flow properties’, presented at ICAT’10: International Conference

on Energy and Automotive Technologies, Nov.5, 2010, İstanbul, Turkey

<http://www.icatconf.com/announced.aspx>.

\*M.A. Savaş, K. Ün, S. Altıntaş, ‘Mühendislik Malzemeleri: Biyomalzemeler ve Kas - İskelet Sistemindeki Uygulamaları’, ‘Kas - İskelet Sistemi Biyomekaniği, cilt 1, bölüm 2.2, sayfa 33 - 94, Editörler: İ. D. Akçalı, M. Gülşen, K. Ün, MACTIMARUM, Adana, 2009. ISBN 978-975-6813-89-8.

\*R.G. Demirkır, M.A. Savaş, B. Çakıroğlu,’Sürekli Döküm Yöntemi ile Üretilen Kurşunlu Pirinç Takozlarda Döküm Kalitesi ve Mekanik Özellikler’, TMMOB Makina Mühendisleri Odası, V. Makina Tasarım ve İmalat Teknolojileri Kongresi, 17-18 Ekim 2009, Konya, Bildiriler Kitabı, s: 3-12.

\*R.G. Demirkır, A. Gürbüz, M.A. Savaş, B. Çakıroğlu, ‘Pirinç Alaşımlarında Sıcak Ekstrüzyon Kusurları’, IMMC: 14. Uluslararası Metalurji & Malzeme Kongresi, 16-18 Kasım 2008, İstanbul, Kongre Bildiriler e - Kitabı, Editörler: C. Arslan, U. Ertem, C.H. Gür, S. Gürmen, G. Orhan, H. Savaş, s: 507-516, ISBN 978-9944-89-6115.

\*T. Özkan, M.Z. Baykara, İ. Ulutaş, A. Alkan, A.Gürol, M.A.Savaş, ‘‘Hafif Kara Taşıtlarında Güneş Enerjisi Kullanımının Araç Tasarımı ve Malzeme Seçimi Üzerine Etkileri’, Mühendis ve Makina, **548** (Eylül 2005) 43-51.

\*J. Shi, M.A. Savas, R.W. Smith, ’Plastic deformation of a model material containing soft spheroidal inclusions: spherical graphite cast iron’, Journal of Materials Processing Technology, **133** (2003) 297-303.

\*J. Shi, M.A. Savas, B.J. Yang, R.W. Smith, ‘Spheroidal graphite ferritic cast iron – an ideal model material to examine the deformation of a single - phase matrix containing soft spheroidal inclusions’, International Journal of Cast Metals Research, **16** no.1-3 (2003) 215-220.

\*M.A. Savas, R.J. Yang, R.W. Smith Diffusion couple preparation using cast coating technique’, Journal of Materials Science, **37** (2002) 4093-4099.

\*Savaş, M.A., Başkaya, Ö., Altınel, S.A., Altıntaş, S., ‘Semi-solid forming of some commercial aluminium alloys’, Proceedings - ICFG (International Cold Forging Group) 37th Plenary Meeting, İstanbul, 2004.

\*L. Lipcsei, A. Murray, R.W. Smith, and M.A. Savas, ‘An examination of deterioration products found on tin ingots excavated from the 14th century B.C., late bronze age shipwreck, the Ulu Burun, near Kas, Turkey’, Materials Issues in Art and Archaelogy VI, Eds: P.M. Vandiver, M. Goodway, T.L. Mass, Materials Research Society Symposium, Proceedings, vol. 712, 2002, pp. II.6.4.1-II.6.9.

1. **Scientific and professional societies of which a member of last ten years**

Member of Area Committe TTGV, July 2002 - Jan. 2008

Member of Area Committe MİSAG - TÜBİTAK, Sept. 1992 - Jan. 2008

1. **Subjects or courses taught during the most recent academic year**

ME 453 Materials Engineering Fall 2014

MAK 453 Malzeme Mühendisliği Fall 2014

ME 575 Materials Failure Investigation Fall 2014

ME 500 MS Theses (Co-supervisor) Fall 2015

ME 600 PhD Theses (Co-supervisor) Fall 2015

ME 454 Heat Treatment Spring 2015

MAK 454 Isıl İşlem Spring 2015

ME 577 Materials Selection Spring 2015

ME 400 Final Year Graduation Projects Spring 2015

ME 500 MS Theses (Co-supervisor) Spring 2015

ME 600 PhD Theses (Co-supervisor) Spring 2015

ME 475 Malzeme Hasar Analizi Summer 2015

ME 500 MS Theses (Co-supervisor) Summer 2015

ME 600 PhD Theses (Co-supervisor) Summer 2015