

Assoc. Prof. Derya DIŞPINAR

Personal Information

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Education Information

Post Doctorate, Norwegian University Of Science And Technology, Mühendislik Fakültesi, Metalurji Ve Malzeme Mühendisliği Bölümü, Norway 2007 - 2010

Doctorate, University of Birmingham, Mühendislik Fakültesi, Metalurji Ve Malzeme Mühendisliği Bölümü, United Kingdom 2002 - 2005

Postgraduate, Istanbul University, Fen Bilimleri, Metalurji Ve Malzeme Mühendisliği Bölümü, Turkey 1996 - 1999

Undergraduate, Istanbul University, Mühendislik Fakültesi, Metalurji Ve Malzeme Mühendisliği Bölümü, Turkey 1992 - 1996

Foreign Languages

Norwegian, B1 Intermediate

English, C1 Advanced

Dissertations

Doctorate, Alüminyum ve alaşımlarında döküm kalitesinin belirlenmesi, The University of Birmingham, Mühendislik, Metalurji Ve Malzeme Mühendisliği Bölümü, 2005

Postgraduate, Küremsi taneli dövme alaşımlarında çözeltiye alma ısıtma işlemi, Istanbul University, Fen Bilimleri, Metalurji Ve Malzeme Mühendisliği Bölümü, 1999

Research Areas

Metallurgical and Materials Engineering, Production Metallurgy, Non-Ferrous Alloy Production, Principles of Foundry Technology, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Istanbul University, Mühendislik, Metalurji Ve Malzeme Mühendisliği, 2014 - Continues

Assistant Professor, Istanbul University, Mühendislik, Metalurji Ve Malzeme Mühendisliği Bölümü, 2005 - 2014

Expert, Norwegian University Of Science And Technology, Mühendislik, Metalurji Ve Malzeme Mühendisliği Bölümü, 2007 - 2010

Medical Doctor, University of Birmingham, Mühendislik, Metalurji Ve Malzeme Mühendisliği Bölümü, 2002 - 2005

Research Assistant, Istanbul University, Mühendislik, Metalurji Ve Malzeme Mühendisliği Bölümü, 1997 - 2005

Courses

Ten Rules of Casting, Postgraduate, 2016 - 2017
Academic Writing and Presentation Techniques, Undergraduate, 2016 - 2017
Akademik Yazım ve Sunum Teknikleri, Undergraduate, 2016 - 2017, 2014 - 2015
Bilimsel Araştırma Teknikleri ve Yayın Etiği, Postgraduate, 2016 - 2017
Management Information Systems, Undergraduate, 2016 - 2017
Adli Metalurji, Undergraduate, 2016 - 2017, 2014 - 2015, 2013 - 2014
Yönetim Bilişim Sistemleri, Undergraduate, 2016 - 2017, 2014 - 2015
Metal ve Alaşımların Faz Dönüşümü, Postgraduate, 2016 - 2017
Malzemelerin Mekanik Özellikleri II, Undergraduate, 2016 - 2017, 2013 - 2014
Alüminyum Şekillendirme Teknolojileri, Undergraduate, 2016 - 2017, 2014 - 2015
Döküm Prensipleri, Undergraduate, 2016 - 2017, 2014 - 2015, 2013 - 2014
Bitirme Projesi II, Undergraduate, 2014 - 2015
Döküm Simülasyonu, Undergraduate, 2014 - 2015
Döküm Prensipleri ve Tekniği, Undergraduate, 2014 - 2015
Metalurji Mühendisliği Lab IV, Undergraduate, 2014 - 2015
Bitirme Projesi I, Undergraduate, 2014 - 2015
Metalurji Mühendisliği Lab II, Undergraduate, 2014 - 2015
Adli Metalurji, Undergraduate, 2012 - 2013
Metalurji Mühendisliği Lab I, Undergraduate, 2013 - 2014
Malzeme Seçimi ve Tasarımı, Undergraduate, 2013 - 2014
Metalurji Mühendisliği Lab III, Undergraduate, 2013 - 2014
Malzemelerin Mekanik Özellikleri II, Undergraduate, 2012 - 2013
Bitirme Projesi II, Undergraduate, 2012 - 2013
Metalurji ve Malzeme Mühendisliği Laboratuvarı IV, Undergraduate, 2012 - 2013
Akademik Yazım ve Sunum Teknikleri, Undergraduate, 2012 - 2013
Metalurji ve Malzeme Mühendisliği Laboratuvarı II, Undergraduate, 2012 - 2013
Bitirme Projesi I, Undergraduate, 2012 - 2013
Alüminyum Şekillendirme Teknolojileri, Undergraduate, 2012 - 2013
Metalurji ve Malzeme Mühendisliği Laboratuvarı I, Undergraduate, 2012 - 2013
Metalurji ve Malzeme Mühendisliği Laboratuvarı III, Undergraduate, 2012 - 2013
Yönetim Bilişim Sistemleri, Undergraduate, 2012 - 2013
Malzeme Seçimi ve Tasarımı, Undergraduate, 2012 - 2013
Döküm Prensipleri, Undergraduate, 2012 - 2013, 2006 - 2007
Döküm Teknolojileri, Undergraduate, 2006 - 2007

Advising Theses

ORHAN G., DIŞPINAR D., Otomotiv Sanayisinde Kullanılan Al-Si Alaşımlarında Döküm Kalitesinin Korozyon Özelliklerine Etkisi, Doctorate, E.Songül(Student), Continues
DIŞPINAR D., Al-Si alaşımlarında Fe intermetalikleri karakterizasyonu, Postgraduate, E.Nuri(Student), Continues
DIŞPINAR D., Al-Sr master alaşımının selestitten üretimi, Postgraduate, İ.Göksel(Student), Continues
DIŞPINAR D., Al-Cu alaşımlarında hidrojen, döküm kalitesi ve çökelme sertleşmesi arası ilişki, Postgraduate, M.Raşit(Student), Continues
DIŞPINAR D., Rüzgar enerjisi, Postgraduate, A.Çeltikli(Student), Continues
DIŞPINAR D., Ç, Postgraduate, E.Aydın(Student), Continues
DIŞPINAR D., 356 alaşımlarında Fe intermetalikleri karakterizasyonu, Postgraduate, S.Alper(Student), Continues
DIŞPINAR D., Al-Si alaşımlarında bifilm index, Doctorate, A.Yorulmaz(Student), Continues
DIŞPINAR D., Dövme alüminyum alaşımlarında korozyon, Postgraduate, S.Kaan(Student), Continues

DIŞPINAR D., A380 alaşımlarında Fe intermetaliklerin karakterizasyonu, Postgraduate, İ.D(Student), Continues

DIŞPINAR D., 3xx alüminyum alaşımlarında yüksek sıcaklık mukavemetinin artırılması, Doctorate, B.Yorulmaz(Student), Continues

DIŞPINAR D., Al-Si alaşımlarında Ti tane inceltmesi, Postgraduate, Ö.Gürsoy(Student), Continues

DIŞPINAR D., Alüminyum döküm alaşımlarında sıvı metal kalitesi ile korozyon arası ilişki, Doctorate, İ.Halil(Student), Continues

DIŞPINAR D., Al-Si alaşımlarında beslenebilirlik karakterizasyonu, Postgraduate, G.Görel(Student), 2017

DIŞPINAR D., Al-Si alaşımlarında Sr modifikasyonun zamana bağlı değişimi, Postgraduate, İ.Duygun(Student), 2017

DIŞPINAR D., Alüminyum alaşımlarında sıcak yırtılma, Doctorate, M.Uludağ(Student), 2016

DIŞPINAR D., Sekonder alüminyum metal kalitesi ve porozite arası ilişki, Doctorate, Ç.Yüksel(Student), 2016

DIŞPINAR D., Al-Si Yüksek Basınç Döküm Alaşımlarında Fe İntermetaliklerinin Kalıp Ömrüne Etkisi, Postgraduate, H.Kalkan(Student), 2016

DIŞPINAR D., Yerli Selestite Cevherinden Hareketle Alüminyum Döküm Sektörü İçin Modifikatör Üretimi, Postgraduate, İ.Göksel(Student), 2015

DIŞPINAR D., Alüminyum-Silisyum alaşımlarında demir intermetaliklerin etkisi, Postgraduate, E.Muşdal(Student), 2015

DIŞPINAR D., 3003-H16 Kondisyonundaki Alüminyum Levhalarda Termomekanik Proseslerin Portakallanma Davranışı Üzerine Etkisi, Postgraduate, E.Aydoğdu(Student), 2015

DIŞPINAR D., Al-Si Alaşımlarında Stronsiyum Modifikasyonu ile Döküm Kalitesi Arasındaki İlişkinin Karakterizasyonu, Postgraduate, İ.Kaan(Student), 2015

DIŞPINAR D., Karbon Kaplanmış Yüksek Hız Takım Çeliklerinin Aşınma Özellikleri, Postgraduate, M.Kurtuluş(Student), 2015

DIŞPINAR D., The effect of high velocity stirred molten aluminum on the castability and microstructure, Postgraduate, V.Topaloğlu(Student), 2012

DIŞPINAR D., Alüminyum alaşımlarında blister oluşumu, Doctorate, E.Tan(Student), 2011

Jury Memberships

Doctoral Examination, Doktora yeterlilik, İTÜ, May, 2017

Post Graduate, Yüksek lisans tez savunması, İstanbul Teknik Üniversitesi, May, 2015

Post Graduate, Yüksek lisans tez savunması, İstanbul Teknik Üniversitesi, May, 2015

Post Graduate, Yüksek lisans tez savunması, Yıldız Teknik Üniversitesi, June, 2014

Post Graduate, Yüksek lisans tez savunması, İstanbul Teknik Üniversitesi, January, 2014

Post Graduate, Yüksek lisans tez savunması, İstanbul Teknik Üniversitesi, January, 2014

Post Graduate, Yüksek lisans tez savunması, İstanbul Teknik Üniversitesi, January, 2014

Post Graduate, Yüksek lisans jürisi, Pamukkale Üniversitesi, July, 2013

Doctoral Examination, Doktora yeterlilik sınavı, Selçuk Üniversitesi, May, 2013

Post Graduate, Tez savunma jürisi, Yıldız Teknik Üniversitesi, June, 2012

Doctorate, Tez savunma jürisi, Pamukkale Üniversitesi, June, 2011

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **On the Interpretation of Melt Quality Assessment of A356 Aluminum Alloy by the Reduced Pressure Test: The Bifilm Index and Its Physical Meaning**
Uludağ M., Çetin R., Dişpinar D., TIRYAKIOĞLU M.
International Journal of Metalcasting, vol.12, no.4, pp.853-860, 2018 (SCI-Expanded)
- II. **Change in Porosity of A356 by Holding Time and Its Effect on Mechanical Properties**
Uludağ M., Çetin R., Gemi L., Dişpinar D.
Journal of Materials Engineering and Performance, vol.27, no.10, pp.5141-5151, 2018 (SCI-Expanded)
- III. **Effects of strontium addition on the microstructure and corrosion behavior of A356 aluminum alloy**

Ozturk I., Agaoglu G. H., Erzi E., Dispinar D., Orhan G.

JOURNAL OF ALLOYS AND COMPOUNDS, vol.763, pp.384-391, 2018 (SCI-Expanded)

- IV. **The effects of degassing, grain refinement & Sr-addition on melt quality-hot tear sensitivity relationships in cast A380 aluminum alloy**
Uludag M., Cetin R., Dispinar D., TIRYAKIOGLU M.
ENGINEERING FAILURE ANALYSIS, vol.90, pp.90-102, 2018 (SCI-Expanded)
- V. **EFFECT OF DEGASSING AND GRAIN REFINEMENT ON HOT TEARING TENDENCY IN Al8Si3Cu ALLOY**
Uludag M., Cetin R., Dispinar D., Tiryakioglu M.
INTERNATIONAL JOURNAL OF METALCASTING, vol.12, no.3, pp.589-595, 2018 (SCI-Expanded)
- VI. **Correlation Between Machinability and Chip Morphology of Austempered Ductile Iron**
Yazman S., Gemi L., Uludag M., Akdemir A., Uyaner M., Dispinar D.
JOURNAL OF TESTING AND EVALUATION, vol.46, no.3, pp.1012-1021, 2018 (SCI-Expanded)
- VII. **Freezing Range, Melt Quality, and Hot Tearing in Al-Si Alloys**
Uludag M., Cetin R., Dispinar D.
METALLURGICAL AND MATERIALS TRANSACTIONS A-PHYSICAL METALLURGY AND MATERIALS SCIENCE, no.5, pp.1948-1961, 2018 (SCI-Expanded)
- VIII. **Characterization of the Effect of Melt Treatments on Melt Quality in Al-7wt %Si-Mg Alloys**
Uludag M., Cetin R., Dispinar D., TIRYAKIOGLU M.
METALS, vol.7, no.5, 2017 (SCI-Expanded)
- IX. **Microstructure-bifilm interaction and its relation with mechanical properties in A356**
TUNÇAY T., Tekeli S., ÖZYÜREK D., Dispinar D.
INTERNATIONAL JOURNAL OF CAST METALS RESEARCH, vol.30, no.1, pp.20-29, 2017 (SCI-Expanded)
- X. **Melt Cleanliness Comparison of Chlorine Fluxing and Ar Degassing of Secondary Al-4Cu**
Colak M., Kayikci R., Dispinar D.
METALLURGICAL AND MATERIALS TRANSACTIONS B-PROCESS METALLURGY AND MATERIALS PROCESSING SCIENCE, vol.47, no.5, pp.2705-2709, 2016 (SCI-Expanded)
- XI. **The effect of melt quality and quenching temperature on the Weibull distribution of tensile properties in aluminium alloys**
Tan E., Tarakcilar A. R., Dispinar D.
MATERIALWISSENSCHAFT UND WERKSTOFFTECHNIK, vol.46, no.10, pp.1005-1013, 2015 (SCI-Expanded)
- XII. **Al-Si ALAŞIMLARINDA Si MORFOLOJİSİNİN İŞLENEBİLİRLİĞE ETKİSİ**
Uludağ M., Yaman Ş., Bakırcıoğlu B., DIŞPINAR D.
Pamukkale Üniversitesi Eğitim Fakültesi Dergisi, vol.1, no.1, pp.1-10, 2015 (SCI-Expanded)
- XIII. **Influence of Different Cross Sections on Fluidity Characteristics of A356**
Colak M., Kayikci R., Dispinar D.
TRANSACTIONS OF THE INDIAN INSTITUTE OF METALS, vol.68, no.2, pp.275-281, 2015 (SCI-Expanded)
- XIV. **Wear properties of squeeze cast in situ Mg2Si-A380 alloy**
LUŞ H. M., Ozer G., GÜLER K. A., Erzi E., Dispinar D.
INTERNATIONAL JOURNAL OF CAST METALS RESEARCH, vol.28, no.1, pp.59-64, 2015 (SCI-Expanded)
- XV. **Influence of Oxide Additions on the Porosity Development and Mechanical Properties of A356 Aluminum Alloy Castings**
Ludwig T., DIŞPINAR D., Di Sabatino M., Arnberg L.
INTERNATIONAL JOURNAL OF METALCASTING, pp.41-50, 2012 (SCI-Expanded)
- XVI. **Blistering Problems Observed in Strain Induced Melt Activated Aluminium Alloys**
Tan E., Tarakcilar A. R., Dispinar D.
TRANSACTIONS OF THE INDIAN INSTITUTE OF METALS, vol.64, no.6, pp.555-563, 2011 (SCI-Expanded)
- XVII. **Porosity, hydrogen and bifilm content in Al alloy castings**
DIŞPINAR D., Campbell J.
MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING, vol.528, pp.3860-3865, 2011 (SCI-Expanded)
- XVIII. **Degassing, hydrogen and porosity phenomena in A356**

- DIŞPINAR D., Akhtar S., Nordmark A., Di Sabatino M., Arnberg L.
MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING, vol.527, pp.3719-3725, 2010 (SCI-Expanded)
- XIX. **A COMPARATIVE STUDY OF POROSITY AND PORE MORPHOLOGY IN A DIRECTIONALLY SOLIDIFIED A356 ALLOY**
Akhtar S., Arnberg L., Di Sabatino M., Dispinar D., Syvertsen M.
INTERNATIONAL JOURNAL OF METALCASTING, vol.3, no.1, pp.39-52, 2009 (SCI-Expanded)
- XX. **Numerical modelling of magnesium die-castings using stochastic fracture parameters**
Dorum C., Hopperstad O. S., Berstad T., DIŞPINAR D.
ENGINEERING FRACTURE MECHANICS, vol.76, no.14, pp.2232-2248, 2009 (SCI-Expanded)
- XXI. **Effect of hydrogen content, melt cleanliness and solidification conditions on tensile properties of A356 alloy**
Akhtar S., DIŞPINAR D., Arnberg L., Di Sabatino M.
INTERNATIONAL JOURNAL OF CAST METALS RESEARCH, vol.22, pp.22-25, 2009 (SCI-Expanded)
- XXII. **A PROBABILISTIC APPROACH FOR MODELLING OF FRACTURE IN MAGNESIUM DIE-CASTINGS**
Dorum C., DIŞPINAR D., Hopperstad O., Berstad T.
METALLURGIA ITALIANA, no.3, pp.51-54, 2009 (SCI-Expanded)
- XXIII. **Supercooling of metal in fine filters**
DIŞPINAR D., Campbell J.
JOURNAL OF MATERIALS SCIENCE, vol.42, pp.10296-10298, 2007 (SCI-Expanded)
- XXIV. **Effect of casting conditions on aluminium metal quality**
Dispinar D., Campbell J.
JOURNAL OF MATERIALS PROCESSING TECHNOLOGY, vol.182, pp.405-410, 2007 (SCI-Expanded)
- XXV. **Use of bifilm index as an assessment of liquid metal quality**
DIŞPINAR D., Campbell J.
INTERNATIONAL JOURNAL OF CAST METALS RESEARCH, vol.19, no.1, pp.5-17, 2006 (SCI-Expanded)
- XXVI. **Critical assessment of reduced pressure test. Part 2: Quantification**
DIŞPINAR D., Campbell J.
INTERNATIONAL JOURNAL OF CAST METALS RESEARCH, vol.17, no.5, pp.287-294, 2004 (SCI-Expanded)
- XXVII. **Critical assessment of reduced pressure test. Part 1: Porosity phenomena**
DIŞPINAR D., Campbell J.
INTERNATIONAL JOURNAL OF CAST METALS RESEARCH, vol.17, no.5, pp.280-286, 2004 (SCI-Expanded)

Articles Published in Other Journals

- I. **Influence of Melt Quality on the Formation of Fe Intermetallic in A360 Alloy**
Bas E. N., Alper S., Tuncay T., Dispinar D., Kirtay S.
ARCHIVES OF FOUNDRY ENGINEERING, vol.22, pp.53-59, 2022 (ESCI)
- II. **Ultrasonik Gaz Giderme Yöntemi İle Metal Kalitesinin Artırılması**
Yüksel Ç., Öztürk M. C., Balci Y. B., Eker H., Çiğdem M., DIŞPINAR D., Aybarç U.
Technological Applied Sciences, vol.13, no.2, pp.172-179, 2018 (Peer-Reviewed Journal)
- III. **INCREASING METAL QUALITY WITH ULTRASONIC DEGASSING METHOD**
Yüksel Ç., Öztürk M. C., Balci Y. B., Eker H., Çiğdem M., Aybarç U., DIŞPINAR D.
Technological Applied Sciences, vol.13, no.2, pp.172-179, 2018 (Scopus)
- IV. **Aluminum metal matrix composites with SiC, Al₂O₃ and graphene – Review**
Aybarç U., Dispinar D., Seydibeyoglu M.
Archives of Foundry Engineering, vol.18, no.2, pp.5-10, 2018 (ESCI)
- V. **Fluidity Characteristics of A201 and A206 Al-Cu Alloy**
Yildirim K., Helvacı M., Gursoy O., Erzi E., Kahruman C., Dişpinar D.
ARCHIVES OF FOUNDRY ENGINEERING, vol.18, no.1, pp.135-138, 2018 (ESCI)

- VI. **Challenges in Producing Reliable Tensile Properties by SIMA 7075**
Erzi E., Gursoy O., Yuksel C. O. K., Kirtay S., Dispınar D.
ARCHIVES OF FOUNDRY ENGINEERING, vol.18, no.3, pp.71-75, 2018 (ESCI)
- VII. **The effect of 0.5 wt% additions of carbon nanotubes & ceramic nanoparticles on tensile properties of epoxy-matrix composites: a comparative study**
Gemi L., Yazman Ş., Uludağ M., DIŞPINAR D.
Materials Science and Nanotechnology, vol.1, no.2, pp.1-15, 2017 (Peer-Reviewed Journal)
- VIII. **Taguchi Approach for Optimization of Parameters that Effect Grain Size of Cast A357 Alloy**
Colak M., Dişpinar D.
ARCHIVES OF FOUNDRY ENGINEERING, vol.17, no.4, pp.35-42, 2017 (ESCI)
- IX. **Observation of Hot Tearing in Sr-B Modified A356 Alloy**
Uludag M., Cetin R., Dispınar D.
ARCHIVES OF FOUNDRY ENGINEERING, vol.17, no.4, pp.165-168, 2017 (ESCI)
- X. **Friction and Wear Properties of Plasma Sprayed YSZ/Ni-Cr-Al Coated 6063-T6 Aluminum Alloy**
Erzi E., Dispınar D., Yilmaz S.
ARCHIVES OF FOUNDRY ENGINEERING, vol.17, no.3, pp.168-174, 2017 (ESCI)
- XI. **Friction and wear properties of plasma sprayed YSZ/Ni-Cr-Al coated 6063-T6 aluminum alloy**
DIŞPINAR D.
ARCHIVES OF FOUNDRY ENGINEERING, vol.1, pp.1-7, 2017 (Scopus)
- XII. **Effect of Sr and Ti addition on the corrosion behaviour of Al-7Si-0.3Mg alloy**
Uludağ M., Kocabaş M., Dişpinar D., Çetin R., CANSEVER N.
Archives of Foundry Engineering, vol.17, no.2, pp.125-130, 2017 (ESCI)
- XIII. **Friction and wear properties of plasma sprayed YSZ/Ni-Cr-Al coated 6063-T6 aluminum alloy**
ERZİ E., DIŞPINAR D., YILMAZ S.
ARCHIVES OF FOUNDRY ENGINEERING, vol.3, no.17, pp.168-174, 2017 (Scopus)
- XIV. **Assessment of Mechanism of Pore Formation in Directionally Solidified A356 Alloy**
Uludag M., Dispınar D.
ARCHIVES OF FOUNDRY ENGINEERING, vol.17, no.1, pp.157-162, 2017 (ESCI)
- XV. **Efficiency of Sr Modification in Hypereutectic Al-Si Alloys**
Uludağ M., Gemi L., DIŞPINAR D.
International journal of Scientific and Technical Research in Engineering, vol.1, pp.21-26, 2016 (Scopus)
- XVI. **Quality Evaluation of Remelted A356 Scraps**
Yuksel C., Tamer O., Erzi E., Aybarc U., Cubuklusu E., Topcuoglu O., Cigdem M., Dispınar D.
ARCHIVES OF FOUNDRY ENGINEERING, vol.16, no.3, pp.151-156, 2016 (ESCI)
- XVII. **Mechanical Properties and Melt Quality Relationship of Sr-modified Al-12Si Alloy**
Uludag M., Uyaner M., Yilmaz F., Dispınar D.
ARCHIVES OF FOUNDRY ENGINEERING, vol.15, no.4, pp.134-140, 2015 (ESCI)
- XVIII. **THE EFFECT OF Si MORPHOLOGY ON MACHINABILITY OF AL-Si ALLOYS**
Uludag M., Yazman S., Bakircioglu B., Dişpinar D.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, vol.21, no.8, pp.381-385, 2015 (ESCI)
- XIX. **Effect of Ranking Selection on the Weibull modulus Estimation**
KIRTAY S., DIŞPINAR D.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.25, pp.175-187, 2012 (Scopus)
- XX. **Correlation Between Mechanical Properties and Porosity Distribution of A356 in Gravity Die Casting and Low Pressure Die Casting**
DIŞPINAR D., Akhtar S., Nordmark A., Syvertsen F., Di Sabatino M., Arnberg L.
Advanced Materials Research, vol.445, pp.283-288, 2012 (Peer-Reviewed Journal)
- XXI. **Influence of oxide additions and hydrogen content on the quality measurement of aluminum melts**
Ludwig T., Arnberg L., Akhtar S., DIŞPINAR D.
Giesserei Praxis, vol.1, pp.367-373, 2012 (Peer-Reviewed Journal)

- XXII. **Effect of melting and casting conditions on Al melt quality**
DIŞPINAR D., Campbell J.
Støperi Tidende, vol.1, pp.28-34, 2009 (Non Peer-Reviewed Journal)
- XXIII. **Metal quality improvement in recycling of aluminium and its alloys**
DIŞPINAR D., Campbell J.
Metal World Technical Magazine, vol.1, pp.126-129, 2007 (Peer-Reviewed Journal)
- XXIV. **Porosity phenomena in aluminium and its alloys and casting quality**
DIŞPINAR D., Campbell J.
Metal World Technical Magazine, vol.1, pp.190-191, 2007 (Peer-Reviewed Journal)
- XXV. **Effect of melting and casting conditions on aluminum melt quality**
DIŞPINAR D., Campbell J.
Journal of Institute of Cast Metals Engineers, vol.180, pp.328-331, 2006 (Peer-Reviewed Journal)
- XXVI. **Determination of Aluminium Melt Quality**
DIŞPINAR D., Campbell J.
Aluminium India, vol.4, no.4, pp.3-11, 2005 (Peer-Reviewed Journal)
- XXVII. **Metal quality studies in secondary remelting of aluminium**
DIŞPINAR D., Campbell J.
Hommes et Fonderie, no.349, pp.18-24, 2004 (Peer-Reviewed Journal)

Books & Book Chapters

I. Melt Quality Assessment

DIŞPINAR D.

in: Encyclopedia of Aluminum and its Alloys, G.E. Totten, Editor, Crc Press, Taylor & Francis Group, Florida, pp.1430-1445, 2018

Refereed Congress / Symposium Publications in Proceedings

- I. **Development of Coating Methods of Fiber Reinforced for Different Matrix Composites for Industrial Applications**
Caliskan E., Ipek S. K., Dispinar D., Ince E.
Symposium on Metal-Matrix Composites - Advances in Processing, Characterization, Performance and Analysis held during the 151st TMS Annual Meeting and Exhibition, California, United States Of America, 27 February - 03 March 2022, pp.113-123
- II. **Yolluk tasarımının ingot kalitesi ve verimlilik üzerine etkisi**
Kalkan İ. H., Hızlı İ. G., Karasoy F., DIŞPINAR D.
10. Uluslararası Döküm Kongresi, İstanbul, Turkey, 25 - 27 October 2018, pp.345-348
- III. **An Assessment on the Effect of Degassing and Ti Grain Refiner on T6 Heat Treatment Efficiency in A380 Alloy**
Kaykılarlı C., Uludağ M., Küçükelyas B., Uzunsoy D., DIŞPINAR D.
19th International Metallurgy and Materials Congress (IMMC 2018), İstanbul, Turkey, 25 - 27 October 2018, pp.1
- IV. **Melt Quality Increasing Study with Grain Refinement in 356 Aluminium Alloy**
Gürsoy Ö., ERZİ E., DIŞPINAR D.
19th International Metallurgy and Materials Congress (IMMC 2018), İstanbul, Turkey, 25 - 27 October 2018, pp.1
- V. **Determination of the Optimum Aging Time for T6 Heat Treatment in A380 Alloy**
Küçükelyas B., Uludağ M., Kaykılarlı C., Gürtaran M., DIŞPINAR D.
19th International Metallurgy and Materials Congress (IMMC 2018), İstanbul, Turkey, 25 - 27 October 2018, pp.1
- VI. **Determination of Microstructures and Mechanical Properties of B2O3 Particle Reinforced 356 and 1050 Matrix Composites**

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Uludağ M., Çetin R., DIŞPINAR D.

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5th Shape Casting Symposium held at the Minerals, Metals & Materials Society Annual Meeting & Exhibition, California, United States Of America, 16 - 20 February 2014, pp.153-159

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Dışpınar D., Campbell J.

5th Shape Casting Symposium held at the Minerals, Metals & Materials Society Annual Meeting & Exhibition, California, United States Of America, 16 - 20 February 2014, pp.243-251

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Archives of Foundry Engineering, Committee Member, 2015 - Continues

Encyclopedia of Iron, Steel, and Their Alloys (EISA), Committee Member, 2015 - Continues

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Memberships / Tasks in Scientific Organizations

Norges Støperitekniske Forening, Member, 2007 - Continues

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Congress and Symposium Activities

METEF, Attendee, Italy, 2017

EFRS, Attendee, Turkey, 2017

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6 th International Advances in Applied Physics and Materials Science Congress & Exhibition, Attendee, Turkey, 2016

18. Metalurji ve Malzeme Kongresi, Attendee, Turkey, 2016

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2. ULUSLARARASI MÜHENDİSLİK VE BİLİM ALANINDA YENİLİKÇİ TEKNOLOJİLER SEMPOZYUMU, Attendee, Karabük, Turkey, 2014

143rd TMS Annual Meeting, Attendee, San Diego, United States Of America, 2014

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12th International Metallurgy and Material Congress and Fair, Attendee, Istanbul, Turkey, 2005

134th TMS Annual Meeting, Attendee, San Francisco, United States Of America, 2005

66th World Foundry Congress, Attendee, Istanbul, Turkey, 2004

10. Malzeme Sempozyumu, Attendee, Denizli, Turkey, 2004

2. Isıl işlem sempozyumu, Attendee, Istanbul, Turkey, 2002

Scholarships

2547. Kanun 33. Madde Yurtdışı doktora, YOK, 2002 - Continues