

Curriculum Vitae

Beitallah Eghbali, PhD

Professor of Materials Science and Engineering

Professional Experience:

- Researcher, Materials Group, Science and Technology Research Center, Tehran, Iran, 1993-1995.
- Academic staff of Sahand University of Technology (SUT), Tabriz, Iran, 1996-Now.
- Consultant of Iran Tractor Forging Company, (ITFC), Tabriz, Iran, 1997-1999.
- Consultant of Tehran Heat Treatment and Hot Forging Company, Tehran, Iran, 2000-2004.
- Researcher, Science and Technology Research Center, Tehran, Iran, 2002-2004.
- Member of reviewer board of the Journal of Alloys and Compounds, since 2007.

Education:

- B.Sc. in Materials Science and Engineering (Casting), Isfahan University of Technology, Isfahan, Iran (1993).
Dissertation: Color Anodizing of Aluminum Alloys.
- M.Sc. in Materials Science and Engineering (Processing and Characterization of Metallic Materials), Tarbiat Modarres University, Tehran, Iran (1996). Dissertation: Investigation on the Influence of Hot Rolling Parameters on the Microstructure and Mechanical Properties of an Ultra-High Strength Steel.
- Visiting Ph.D. Student, School of Engineering, Deakin University, Australia (2004-2005). Research Field: Thermomechanical Controlled Processing of Microalloyed Steels by Using Torsion Testing.
- Ph.D. in Materials Science and Engineering (Hot Deformation of Metallic Materials), Tarbiat Modarres University, Tehran, Iran (2006). Dissertation: Grain Refinement in Microalloyed Steels through Thermomechanical Processing.

Professional Membership:

- Member of Iranian Metallurgical Engineering 's Society, Iran.
- Member of Iron and Steel Society of Iran.

Areas of Interests:

- Thermomechanical Processing of Steels & Other Metals
- Hot/ Warm Deformation of Metals
- Severe Plastic Deformation (SPD)
- Production of Bulk Ultrafine/ Nano-Grained Metallic Materials
- Processing of High Performance Alloys.

Language:

- English, Farsi, Turkish

Teaching Experience:

- Metal Forming (B.Sc Students)
- Heat Treatment of Steels (B.Sc Students)
- Phase Transformation (B.Sc Students)
- Physical Chemistry of Materials (B.Sc Students)
- Strength of Materials (B.Sc Students)
- Principles of Metallography (B.Sc Students)
- Style in Scientific and Technical Presentation (B.Sc Students)
- Hot Deformation of Metals and Alloys (M.Sc Students)
- Ingot Casting (M.Sc Students)
- Mechanical Aspects of Corrosion (M.Sc Students)
- Bulk Nano-structure Metallic Materials (M.Sc Students)
- Research Styles in Materials Science and Engineering (Ph.D Students)
- High Temperature Alloys (Ph.D Students)

Awards and Distinctions:

- Selected Researcher, East Azerbaijan Province, Tabriz, IRAN, 2006.
 - First Winner of Superior Ph. D. Thesis Selection Award by Tarbiat Modarres University, IRAN, 2006.
 - Selected Researcher, Sahand University of Technology, Tabriz, IRAN, 2007.
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References:

Professor M. Jahazi, National Research Council Canada, Institute for Aerospace Research, Aerospace Manufacturing Center, 5145 Decelles, Montreal, Que., Canada.

Professor P. D. Hodgson, Faculty of Science and Technology, Deakin University, Geelong, Victoria 3217, Australia.

Associate Professor A. Abdollah-Zadeh, Department of Materials Engineering, Tarbiat Modarres University, Tehran, Iran.

Dr H. Beladi, Faculty of Science and Technology, Deakin University, Geelong, Victoria 3217, Australia.

Publications (ISI):

Personal:

Name: Beitallah
Last name: Eghbali
Gender: Male
Marital status: Married (2 children)
Date of birth: 1968
Place of birth: Takab, West Azarbaijan, Iran
Nationality: Iranian

Professional Experience:

- Researcher, Materials Group, Science and Technology Research Center, Tehran, Iran, 1993-1995.
- Academic staff of Sahand University of Technology (SUT), Tabriz, Iran, 1996-Now.
- Consultant of Iran Tractor Forging Company, (ITFC), Tabriz, Iran, 1997-1999.
- Consultant of Tehran Heat Treatment and Hot Forging Company, Tehran, Iran, 2000-2004.

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- Hot/ Warm Deformation of Metals
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- Processing of Metal Matrix Composite
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- Style in Scientific and Technical Presentation (B.Sc Students)
- Hot Deformation of Metals and Alloys (M.Sc Students)
- Ingot Casting (M.Sc Students)
- Mechanical Aspects of Corrosion (M.Sc Students)
- Bulk Nano-structure Metallic Materials (M.Sc Students)
- Research Styles in Materials Science and Engineering (Ph.D Students)
- High Temperature Alloys (Ph.D Students)
- Advanced Metal Forming (Ph.D Students)

Awards and Distinctions:

- Selected Researcher, East Azerbaijan Province, Tabriz, IRAN, 2006.
 - First Winner of Superior Ph. D. Thesis Selection Award by Tarbiat Modarres University, IRAN, 2006.
 - Selected Researcher, Sahand University of Technology, Tabriz, IRAN, 2007.
 - Selected Researcher, East Azerbaijan Province, Tabriz, IRAN, 2012.
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References:

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Professor P. D. Hodgson, Faculty of Science and Technology, Deakin University, Geelong, Victoria 3217, Australia.

Associate Professor A. Abdollah-Zadeh, Department of Materials Engineering, Tarbiat Modarres University, Tehran, Iran.

Dr H. Beladi, Faculty of Science and Technology, Deakin University, Geelong, Victoria 3217, Australia.

Publications (ISI):

1. M. Jahazi, **B. Eghbali**, "The influence of hot rolling parameters on the microstructure and mechanical properties of an ultra-high strength steel", J. Materials Processing Technology, Vol. 103, No. 2 (2000) pp. 276-279.
2. M. Jahazi, **B. Eghbali**, "The influence of hot forging conditions on the microstructure and mechanical properties of two microalloyed steels", J. Materials Processing Technology, Vol. 113, No. 1-3 (2001) pp. 594-598.

3. **B. Eghbali**, A. Abdollah-zadeh, " The influence of thermomechanical parameters in ferrite grain refinement in a low carbon Nb-microalloyed steel", Scripta Materialia, Vol. 53, No. 1 (2005) pp. 41-45.
4. **B. Eghbali**, A. Abdollah-zadeh, "Effect of Strain Rate on the Ferrite Grain Refinement of a Low Carbon Nb -Ti Microalloyed Steel During Low Temperature Deformation", J. Materials Science and Technology, Vol. 21, No. 6 (2005) pp. 851-855.
5. **B. Eghbali**, A. Abdollah-zadeh, "Strain Induced Transformation in a Low Carbon Microalloyed Steel during Hot Compression Testing", Scripta Materialia, Vol. 54, No. 6 (2006) pp. 1205-1209.
6. **B. Eghbali**, A. Abdollah-zadeh, H. Beladi and P. D. Hodgson, "Characterization on Ferrite Microstructure Evolution During Large Strain Warm Torsion Testing of Plain Low Carbon Steel", Materials Science and Engineering A, Vol. 435-436 (2006) pp. 499-503.
7. **B. Eghbali**, A. Abdollah-zadeh, "Influence of Deformation Temperature on the Ferrite Grain Refinement of a Low Carbon Nb-Ti Microalloyed Steel", J. Materials Processing Technology, Vol. 180 (2006) pp. 44-48.
8. **B. Eghbali**, A. Abdollah-zadeh, "Deformation Induced Ferrite Transformation in a Low Carbon Nb-Ti Microalloyed Steel", Materials and Design, Vol. 28. No. 3 (2007) pp. 1021-1026.
9. A. Abdollah-zadeh, **B. Eghbali**, "Mechanism of Ferrite Grain Refinement during Warm Deformation of a Low Carbon Nb-microalloyed Steel", Materials Science and Engineering A, Vol. 457 (2007) pp. 219-225.

10. **B. Eghbali**, A. Abdollah-zadeh and P.D. Hodgson, "Dynamic Softening of Ferrite during Large Strain Warm Deformation of a Plain-Carbon Steel", *Materials Science and Engineering A*, Vol. 462 (2007) pp. 259-263.
11. **B. Eghbali**, "EBSD Study on the Formation of Fine Ferrite Grains in Plain Carbon Steel during Warm Deformation", *Materials Letters*, Vol. 61 (2007) pp. 4006-4010.
12. **B. Eghbali**, "Effect of Warm Deformation on Ferrite Microstructure Evolution in a Ti-Microalloyed Steel", *Materials Science Forum*, Vols. 558-559 (2007) pp. 497-504.
13. **B. Eghbali**, " Large Deformation of Plain Carbon Steel through Thermomechanical Processing", *Journal of Iron and Steel Society*, No. 28, (2007) pp. 1-7.
14. **B. Eghbali**, "Microstructural Development in a Low Carbon Ti-Microalloyed Steel during Deformation within the Ferritic Region", *Materials Science and Engineering A*, Vol. 480 (2008) pp 84-88.
15. **B. Eghbali**, "Microstructural Characterization of a Warm Deformed Microalloyed Steel", *Materials Characterization*, Vol. 59, Issue 4 (2008) pp. 473-478.
16. **B. Eghbali**, "Severe Deformation of a Carbon Steel within the Ferritic Region", *Materials Science Forum*, Vols. 584-586 (2008) pp 667-672.
17. **B. Eghbali**, "Study on the Effect of Strain Rate on the Dynamic Strain-Induced Transformation in a Microalloyed Steel", *Journal of Faculty of Engineering, Tabriz Uni.*, Vol.36, No. 2 (2008) pp 1-10.

18. **B. Eghbali**, "A Study on the Effect of Chemical Composition on the Warm Deformation Behavior and Microstructural Evolution in Microalloyed Steels", *International Journal of Engineering Sciences*, Vol.19 (2008) pp 39-46.
19. **B. Eghbali**, "Effect of Strain on the Development of Strain-Induced Transformation of Austenite to Ferrite in a Microalloyed Steel", *Journal of School of Engineering, Ferdowsi Uni.*, Vol.20, No. 2 (2009) pp 1-10.
20. **B. Eghbali**, "Effect of Strain Rate on the Grain Refinement Process in a Microalloyed Steel during Hot Torsion Testing within the ferrite region ", *Journal of Science and Technology, Sharif*, Vol.47 (2009) pp 25-32.
21. **B. Eghbali**, "Study on the Ferrite Grain Refinement during Intercritical Deformation of a Microalloyed Steel", *Materials Science and Engineering A*, Vol. 527 (2010) pp 3407-3410.
22. **B. Eghbali**, " Effect of Strain Rate on the Microstructural Development through Continuous Dynamic Recrystallization in a Microalloyed Steel", *Materials Science and Engineering A*, Vol. 527 (2010) pp 3402-3406.
23. M. Shaban Ghazani, **B. Eghbali**, "Determination of Critical Conditions for Dynamic Recrystallization of a Microalloyed Steel", *Materials Science and Engineering A*, Vol. 527 (2010) pp 4320-4325.

24. 25. M. Shaban Ghazani, **B. Eghbali**, "Dynamic Strain Induced Transformation of Austenite to Ferrite during High Temperature Extrusion of Low Carbon Steel", *Materials Transactions*, Vol.52 No.1 (2011) pp 8-11.
25. M. Shaban Ghazani, **B. Eghbali**, "Characterization of Austenite Dynamic Recrystallization under Different Z Conditions in a Microalloyed Steel", *Journal of Materials Sciences & Technology, J Materials Science and Technology*, Vol. 27 No. 4 (2011) pp. 359-363.
26. M. Shaban Ghazani, **B. Eghbali**, "Production of Bulk Ultrafine Grained Steel through Severe Plastic Deformation", *Materials Science Forum Vols. 667-669* (2011) pp 583-588.
27. S. G. Hashemia, **B. Eghbali**, "Processing of Ultrafine Grained Cu-30%Zn alloy through Severe Plastic Deformation using Accumulative Roll Bonding", *Materials Science Forum Vols. 667-669* (2011) pp 571-576.
28. **B. Eghbali**, M. Shaban Ghazani, "Warm Deformation Microstructure of a Plain Carbon Steel", *Journal of Iron and Steel Research, International*, Vol.18 No. 7 (2011).
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33. M. Tayyebi, **B. Eghbali**, “Processing of Al/304 stainless steel composite by roll bonding”, *Materials Science and Technology*, VOL 28 NO 12 (2012) pp 1414-1419.
34. **B. Eghbali**, M. Shaban, “Effect of Hot Torsion Parameters on Development of Ultrafine Ferrite Grains in Microalloyed Steel”, *Journal of Iron and Steel Research, International*, Vol. 19(1) (2012) pp 47-52.
35. M. Tayyebi, **B. Eghbali**, “Study on the microstructure and mechanical properties of multilayer Cu/Ni composite processed by accumulative roll bonding”, *Materials Science & Engineering A*, 559 (2013) pp 759–764.
36. M. Shaban Ghazani, **B. Eghbali**, “Finite Element Study on the Development of Damage and Flow Characteristics in Al7075 Alloy during Ex-ECAP”, *Computational Materials Science*, 74 (2013) pp 124–128.
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38. H. Ghadimi, S. Hossein Nedjhad, **B. Eghbali**, “Enhanced grain refinement of cast aluminum alloy by thermal and mechanical treatment of Al–5Ti–B master alloy”, *Trans. Nonferrous Met. Soc. China*, 23(2013) pp 1563–1569.
39. K. Hajizadeh, S. Ghobadi Alamdari, **B. Eghbali**, “Stored energy and recrystallization kinetics of ultrafine grained titanium processed by severe plastic deformation”, *Physica B*, Vol. 33–38 (2013) pp 33-38.
40. K. Hajizadeh, **B. Eghbali**, ‘Effect of Two-Step Severe Plastic Deformation on the Microstructure and Mechanical Properties of Commercial Purity Titanium’, *Met. Mater. Int.*, Vol. 20, No. 2 (2014) pp 343-350.
41. K. Hajizadeh, **B. Eghbali**, “ Ultra-fine Grained Bulk CP-Ti Processed by Multi-pass ECAP at Warm Deformation Region’, *Materials Chemistry and Physics*, 143 (2014) 1032-1038.
42. P. Darvish Motevalli, **B. Eghbali**, “ Microstructure and Mechanical Properties of Al/Ti/Mg Multilayer Composite Processed by Accumulative Roll Bonding”, *Materials Science & Engineering A* 628 (2015) pp 135–142.
43. A.H. Assari, **B. Eghbali**, “nterfacial Layers Evolution During Annealing in Ti-Al Multi-Laminated Composite Processed Using Hot Press and Roll Bonding”, *Met. Mater. Int.*, Vol. 22, No. 5 (2016) pp. 915-923.

44. M. Shaban, S. Gozalzadeh, **B. Eghbali**, “Plastic deformation of 7075 Aluminium Alloy using Integrated Extrusion-Equal Channel Angular Pressing”, *Journal of Advanced Materials and Processing*, Vol. 4, No. 1, 2016, 30-37.
45. Y.Pazhouhanfar, B.Eghbali, “Microstructural characterization and mechanical properties of TiB₂ reinforced Al6061 matrix composites produced using stir casting process”, *Materials Science & Engineering A* 710 (2018) 172–180.
47. Sayed Gh. Hashemi, B. Eghbali. “Evolution of High Strength and Ductile Ultrafine grained Dual Phase Superferrite Low Carbon V-Nb-Mo Steel”, *Materials Science & Engineering A*, Vol. 705, 2017.
- K.Hajizadeh, S.Ejtemae, B.Eghbali, “Microstructure, hardness homogeneity, and tensile properties of 1050 aluminum processed by constrained groove pressing”, *Journal of Advanced Materials and Processing, Appl. Phys. A* (2017) 123:504.
- P. Darvish, Motevalli, B. Eghbali, “ Microstructure and Mechanical Properties of Multilayer Al/Cu/Mg Composite”, *Bull. Mater. Sci.*, Vol. 40, No. 7, December 2017, pp. 1481–1488.
50. M. Shaban Ghazani, B. Eghbali, Gh.R. Ebrahimi, “Kinetics and critical conditions for initiation of dynamic recrystallization during hot compression deformation of AISI 321 austenitic stainless steel”, *Metals and materials International*, doi: 10.1007/s12540-017-6391-8, 2017.

51. M. Shaban Ghazani, B. Eghbali, Gh.R. Ebrahimi, "Evaluation of the kinetics of dynamic recovery using hot flow curves", Transactions of the Indian Institute of Metals, Trans Indian Inst Met (2017) 70(7):1755–1761.

Sayed Gh. Hashemi, B. Eghbali. "Analysis of the formation conditions and characteristics of interphase and random vanadium precipitation in a low carbon steel during isothermal heat treatment", International Journal of Minerals, Metallurgy and Materials, Volume 25, Number 3, March 2018, Page 339.

53. A.H. Assari, B. Eghbali, "Formation and growth kinetics of TiAl₃ intermetallic layer in Ti/Al laminated composite fabricated through hot press bonding ", Int. J. of Minerals, Metallurgy and Materials, Accepted for publication, 2017.

54. A.H. Assari, B. Eghbali, "Microstructure and kinetics of intermetallic phase formation during solid state diffusion bonding in bimetal Ti/Al", The Physics of Metals and Metallography, Accepted for publication, 2017.

56. M. Shaban Ghazani, B. Eghbali, Gh.R. Ebrahimi, "Evaluation of ductile fracture criterion in

AISI 321 austenitic stainless steel using hot compression deformation and finite element simulation”, *Strength of Materials*, under review, 2017.

57. S. Shakouri, B. Eghbali, “Study on microstructure and mechanical properties of Al/Cu/Mg/Ni multilayer composite fabricated by ARB process”,
The physics of metals and metallography, under review, 2018.

58. A.H. Assari, B. Eghbali, “Microstructure and fracture mechanisms in Ti/Al laminated composite processed through solid state diffusion bonding”, *Journal of Engineering Materials and Technology*, under review, 2018.

59. A.H. Assari, B. Eghbali, “Study on the processing of multilayered Ti/Al composite through solid state diffusion bonding and the growth kinetics of TiAl₃ intermetallic compound”, *Journal of Engineering Materials and Technology*, under review, 2018.

K.Hajizadeh, S.Ejtemae, B.Eghbali, “Microstructure, hardness homogeneity, and tensile properties of 1050 aluminum processed by constrained groove pressing”, *Journal of Advanced Materials and Processing*, *Appl. Phys. A* (2017) 123:504.

P. Darvish, Motevalli, B. Eghbali, “ Microstructure and Mechanical Properties of Multilayer Al/Cu/Mg Composite”, *Bull. Mater. Sci.*, Vol. 40, No. 7, December 2017, pp. 1481–1488.

Shakouri, B. Eghbali, “Study on microstructure and mechanical properties of Al/Cu/Mg/Ni multilayer composite fabricated by ARB process”, *The physics of metals and metallography*”, Accepted for publication, 2019.

Sayed Gh. Hashemi, B. Eghbali. “Analysis of the formation conditions and characteristics of interphase and random vanadium precipitation in a low carbon steel during isothermal heat treatment”, *International Journal of Minerals, Metallurgy and Materials*, Volume 25, Number 3, March 2018, Page 339.

M. Shaban Ghazani, B. Eghbali, Gh.R. Ebrahimi, “Evaluation of the kinetics of dynamic recovery using hot flow curves”, *Transactions of the Indian Institute of Metals, Trans Indian Inst Met* (2017) 70(7):1755–1761.

Y.Pazhouhanfar, B.Eghbali, “Microstructural characterization and mechanical properties of TiB₂ reinforced Al6061 matrix composites produced using stir casting process”, *Materials Science & Engineering A* 710 (2018) 172–180.

Y.Pazhouhanfar, B.Eghbali, “Effect of Processing Parameters on Microstructure and Mechanical Properties of Al6061/B₄C Metal Matrix

Composite Fabricated by Using Stir Casting, Post-Accumulative Roll Bonding and Aging Treatment”, Transactions of the Indian Institute of Metals, 2019, Volume 72, Issue 2, pp 545–558

Y.Pazhouhanfar, B.Eghbali, “Processing and characterization of microstructure and mechanical properties of Al6061/TiB₂ composite”, Int. J. of Minerals, Metallurgy and Materials, Accepted for publication, 2018.

M. Shaban Ghazani, B. Eghbali, “Characterization of the hot deformation microstructure of AISI 321 austenitic stainless steel”, Materials Science & Engineering A 730 (2018) 380–390.

A.H. Assari, B. Eghbali, “Formation and growth kinetics of TiAl₃ intermetallic layer in Ti/Al laminated composite fabricated through hot press bonding ”, Int. J. of Minerals, Metallurgy and Materials, Accepted for publication, 2017.

Moslem Tayyebi, B. Eghbali. “Microstructure and mechanical properties of SiC-particle-strengthening tri-metal Al/Cu/Ni composite produced by accumulative roll bonding process”, International Journal of Minerals, Metallurgy and Materials, Volume 25, Number 3, March 2018, Page 357

A.H. Assari, B. Eghbali, “Solid state diffusion bonding characteristics at the interfaces of Ti and Al layers”, Journal of Alloys and Compounds 773 (2019) 50-58.

A.H. Assari, B. Eghbali, “Microstructure and Kinetics of Intermetallic Phase Formation during Solid State Diffusion Bonding in Bimetal Ti/Al”, Physics of Metals and Metallography, 2019, Vol. 120, No. 3, pp. 260–268.

Robabeh Jafari, Beitallah Eghbali, “Study on the reaction mechanism and intermetallic compound

formation in tri-metal Ti/Al/Nb composite”, Journal of Alloys and Compounds 741 (2018) 1030-1039.

Robabeh Jafari, Beitallah Eghbali, “Influence of annealing on the microstructure and mechanical properties of Ti/Al and Ti/Al/Nb laminated composites”, Materials Chemistry and Physics 213 (2018) 313-323.

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Robabeh Jafari, Beitallah Eghbali, “**The diffusion controlled growth process of $TiAl_3$ and $NbAl_3$ intermetallic layers at Ti/Al and Al/Nb interfaces in Ti/Al/Nb composites**”, Materials Characterization, under review, 2018.

M. Shaban Ghazani, B. Eghbali, “Modeling the flow behavior of AISI 321 austenitic stainless steel using a simple combined phenomenological method”, Mechanics of Materials, Accepted for publication, 2019.

M. Shaban Ghazani, B. Eghbali, “**A Ductile Damage Criterion for AISI 321 Austenitic Stainless Steel at Different Temperatures and Strain Rates**”, Arabian Journal for Science and Engineering, <https://doi.org/10.1007/s13369-018-3191-5>, 2018.

M. Shaban Ghazani, B. Eghbali, “**Prediction of post deformation recrystallization kinetics in AISI 321 austenitic stainless steel using double stage hot compression**”, Journal of Materials Engineering and Performance, <https://doi.org/10.1007/s11665-019-04139-3>, 2019.

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H.A. Rezaei, M. Shaban Ghazani, B. Eghbali, “Effect of post deformation annealing on the microstructure and mechanical properties of cold rolled AISI 321 austenitic stainless steel” Materials Science & Engineering A 736 (2018) 364–374.

Conference Papers:

1. **B. Eghbali**, M. Jahazi, Effect of Post-hot Forging Cooling Conditions on the Microstructure and Mechanical Properties of V-Ti Microalloyed Steel, Steel Symposium, 2000, Ahvaz, Iran.
2. **B. Eghbali**, A. Abdollah-zadeh, The Influence of Thermomechanical Parameters in Ferrite Grain Refinement in a Low Carbon Nb-Microalloyed Steel, Proc. of Int. Conf. on New Frontiers of Process Sci. and Eng. in Advanced Materials, pp. 431--436, Kyoto, Japan, 2004.
3. **B. Eghbali**, A. Abdollah-zadeh and P.D. Hodgson; Dynamic Softening of Ferrite during Large Strain Warm Deformation of a Plain-Carbon Steel, Proc. of the 10th International Symposium on Physics of Materials (ISPMA10), Prague, Czech republic, 2005.
4. **B. Eghbali**, A. Abdollah-zadeh; Microstructural Softening in a Plain Carbon Steel during Torsion Testing in two Phase (Austenite+Ferrite) Region; Proc. of the 10th Cong. of Iranian Metallurgical Engineering Society, Mashhad, Iran, 2006.
5. **B. Eghbali**, A. Abdollah-zadeh; Thermomechanical Processing of a Low Carbon Nb-Ti Microalloyed Steel; Proc. of Steel Symposium 85, Tehran, Iran, 2007.
6. **B. Eghbali**, Effect of Warm Deformation on Ferrite Microstructure Evolution in a Ti-Microalloyed Steel, Proc. of the 3rd International Conference on Recrystallization and Grain Growth (ReX & GG III), Jeju, Korea, 2007.
7. **B. Eghbali**, Effect of Strain Rate on the Deformation Behavior and Microstructure of Nb-Ti Microalloyed Steel during Low Temperature Deformation, Proc. of the 11th Cong. of Iranian Metallurgical Engineering Society, Isfahan, Iran, 2007.
8. **B. Eghbali**; Production of Ultrafine grain Microalloyed Steel through Thermomechanical Processing; Proc. of Steel Symposium 86, Bandar Abbas, Iran, 2008.
9. S. Ahmadiéh, **B. Eghbali**; Effect of Post- Hot Deformation Annealing on the Microstructural evolution of a Ti-Microalloyed Steel; Proc. of Steel Symposium 86, Bandar Abbas, Iran, 2008.
10. S. Ahmadiéh, **B. Eghbali**; Effect of Hot Deformation Parameters on the Microstructure of a Ti-Microalloyed Steel; Proc. of Steel Symposium 86, Bandar Abbas, Iran, 2008.
11. H. Ali-zadeh, **B. Eghbali**; Effect of Post- Warm Deformation Cooling Conditions on the Grain Sizes of a Ti-Microalloyed Steel; Proc. of Steel Symposium 86, Bandar Abbas, Iran, 2008.
12. **B. Eghbali**, "Effect of Hot Torsion Parameters on the Development of SIDT of Austenite to Ferrite in a Microalloyed Steel", the 4th Metal Forming Conf., MATFORM 87, Sharif University of Technology, Tehran, Iran, 2008.
13. M. Shaban, H. Kamali, A. R. Alipour, **B. Eghbali**, "Production of Ultrafine Grain in a C-Mn Steel through Severe Plastic Deformation", the 2nd Cong. of Iranian Metallurgical Engineering Society, Karaj, Iran, 2008.

14. M. Shaban, A. R. Alipour, **B. Eghbali**, "Severe Plastic Deformation of Steel through EX-ECAP Process", the 9th Conf. of Manufacturing and Production Engineering, Birjand, Iran, 2008.
15. M. Shaban, **B. Eghbali**, "Effects of Severe Plastic Deformation on the Microstructure Characteristics of a Plain Carbon Steel", Steel Symposium 87, Ahvaz, Iran, 2008.
16. **B. Eghbali**, "Severe Deformation of a Carbon Steel within the Ferritic Region", The 4th International Conference on Nanomaterials by Severe Plastic Deformation (SPD4), Germany, 2008.
17. **B. Eghbali**, "Effect of deformation strain rate on continuous dynamic recrystallization in low carbon microalloyed steel", The 4th International Conference on Recrystallization and Grain Growth (ReX & GG IV), United Kingdom, 2010.
18. **B. Eghbali**, "A Study on Austenite Dynamic Softening in a Nb-Ti Microalloyed Steel under Different Z Conditions", The 4th International Conference on Recrystallization and Grain Growth (ReX & GG IV), United Kingdom, 2010.
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