

Curriculum Vitae

1-PERSONAL INFORMATION

Family Name: EMADODDIN
First Name: ESMAEIL
Date of Birth: 22/09/1974
Place of Birth: SEMNAN-IRAN
Marital Status: MARRIED
Nationality: IRANIAN



Institute: Semnan University
Faculty: Materials and Metallurgical Engineering
Position: Associate Professor
Address: Faculty of Materials and Metallurgical Engineering
Semnan University,
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2-POSITIONS

❖ **Associated Professor**

Faculty: Materials and Metallurgical Engineering
Dept.: Metals Forming
Institute: SEMNAN University, Semnan, Iran
Year: 2014 up now

❖ **Dean of Faculty**

Faculty: Materials and Metallurgical Engineering
Institute: SEMNAN University, Semnan, Iran
Year: 2017-2018

❖ **Vice-Chairman for Education and Postgraduate**

Faculty: Materials and Metallurgical Engineering
Institute: SEMNAN University, Semnan, Iran
Year: 2012-2017

❖ **Head of Materials Engineering Group**

Faculty: Materials and Metallurgical Engineering
Institute: SEMNAN University, Semnan, Iran
Year: 2013-2015

❖ **Vice-Chairman for Research**

Faculty: Engineering
Institute: SEMNAN University, Semnan, Iran
Year: 2010-2012

❖ **Vice-Chairman in Faculty**

Faculty: Engineering
Institute: SEMNAN University, Semnan, Iran
Year: 2009-2010

❖ **Assistant Professor**

Faculty: Engineering
Dept.: Materials Engineering
Institute: SEMNAN University, Semnan, Iran
Year: 2008-2014

3- EDUCATIONS

❖ **PhD**

Main Subject: Metal Forming -Deformation of Metals and Materials- Texture
Thesis: Texture Development, Microstructure Evaluation and Formability of Multiphase TRIP-Aided Steel Sheets
Year: 2008
Place: SHARIF University of Technology, Tehran, Iran

❖ **MSc.**

Main Subject: Identification and Selection of Metallic Materials-Deformation of Metals
Thesis: Investigation on the Kinetics of the Static Strain Aging in 12MnNi63 Steel
Year: 1998
Place: SHARIF University of Technology, Tehran, Iran

❖ **BSc.**

Main Subject: Metal Forming of Metals
Year: 1996
G.P.A.: 16.51
Place: SHIRAZ University, Shiraz, IRAN

4-GENERAL INTERESTS

- Texture Development in Materials
- Anisotropy of Properties in Materials and Correlation with Preferred Orientation
- Thermo-Mechanical Processing of Steels
- Hot Deformation of Ferrous and Non-Ferrous Alloys
- Mechanics of Bulk and Sheet Metal Forming Processes
- Physical Metallurgy of Steels

5-RESEARCH ACTIVITIES

- 📄 EBSD Measurements for Studying the Texture and Physical Metallurgy of TRIP-Aided Steels.
- 📄 Texture Development at Different conditions in TRIP-Aided Steel Sheets
- 📄 Effect of Multiphase Microstructure of TRIP-Aided Steel on Formability of Intercritically annealed Cold Rolled Sheets
- 📄 Thermo-Mechanical Processing of V-Ti Contain Micro alloy Steels
- 📄 Six Months Research on PhD Thesis at Delft University of Technology (TU Delft), Holland and Gent University, Belgium
- 📄 Full Experiences on OIM, TSL and MTM Software for Texture Evaluation of Materials
- 📄 Hot Deformation Behavior of Nb Contain Micro alloy Steels
- 📄 Production and Processing of High C-High Cr Alloy Steel
- 📄 Properties, Manufacturing and Selection of the Condenser Tubes in Vapor Power Supply Plant
- 📄 Strain Aging in Low Carbon Steel
- 📄 Research on Semi-Solid State of Non-Ferrous Alloys

6-ACADEMIC ACTIVITIES

➤ *Teaching of MSc/BSc Courses*

Courses: Hot Deformation, Fundamental of Rolling, Extrusion, Wire Drawing, Workability of Metals, Fundamental of Die Design, Statics, Mechanics of Materials, Metal Forming, Physical Metallurgy, Materials Selection, Powder Metallurgy, Fundamental of Materials Science, Manufacturing Processes

Place: Semnan University

Years: 1999-2003/ since 2006

➤ *PhD thesis Supervision*

Place: Semnan University

Years: since 2013

➤ *MSc. thesis Supervision*

Place: Semnan University

Years: since 2007

➤ *BSc. thesis Supervision*

Place: Semnan University

Years: 2000-2003/since 2006

➤ *Teaching Assistance*

Courses: Metal Forming, Metal Forming Laboratory, Advanced Metal Forming Laboratory, Strength of Materials, Advanced Thermodynamic, Thermodynamic of Metallurgy

Place: Sharif University of Technology

Years: 1997-1999/2002-2007

7- PUBLICATIONS-TRANSLATED BOOKS

1	<p>Title: Steel Making</p> <p>Translated by: H. Koohestani, <i>E. Emadoddin</i></p> <p>Affiliation /Language: Semnan University/Persian</p> <p>Publisher: Semnan University Press, Semnan, Iran</p> <p>Edition/Year: 1st edition, June 2017</p> <p>ISBN: 978-600-8424-44-4</p> <p>Main Source: Steel Making by A.K. Chakrabarti</p>
2	<p>Title: Nanomaterials and Surface Engineering</p> <p>Translated by: M.A. Yousefpour, H. Heydari, <i>E. Emadoddin</i></p> <p>Affiliation /Language: Semnan University/Persian</p> <p>Publisher: Semnan University Press, Semnan, Iran</p> <p>Edition/Year: 1st edition, April 2017</p> <p>ISBN: 978-600-8424-34-5</p> <p>Main Source: Nanomaterials and Surface Engineering, by J. Takadom, 2010</p>
3	<p>Title: Formability & Workability of Metals: Plastic Instability & Flow Localization</p> <p>Translated by: F. Qods, <i>E. Emadoddin</i>, S. Shokrollahi Yancheshmeh</p> <p>Affiliation /Language: Semnan University/Persian</p> <p>Publisher: Semnan University Press, Semnan, Iran</p> <p>Edition/Year: 1st edition, October 2013</p> <p>ISBN: 978-600-7065-21-1</p> <p>Main Source: Formability & Workability of Metals: Plastic Instability & Flow Localization, by S.J. Semiatin, J.J. Jonas, 1984</p>

8- PUBLICATIONS-JOURNAL PAPERS

8-1- ISI Papers

1	<p>Title: The investigation of the mechanical properties of graded high-temperature shape memory Ti-Ni-Pd alloy</p> <p>Authors: F. Khaleghi, M. Tajally, <i>E. Emadoddin</i>, M. Mohri</p> <p>Affiliation /Language: Semnan University/English</p> <p>Source: Journal of Alloys and Compounds, In press, accepted manuscript, 12 February 2019</p>
2	<p>Title: Nanostructured TaC film deposited by reactive magnetron sputtering: Influence of gas concentration on structural, mechanical, wear and corrosion properties</p> <p>Authors: A. Poladi, H. R. Mohammadian Semnani, <i>E. Emadoddin</i>, F. Mahboubi, H.R. Ghomi</p> <p>Affiliation /Language: Semnan University/English</p> <p>Source: Ceramics International, In press, corrected proof, 11 January 2019.</p>
3	<p>Title: Evaluation of Palladium Diffusion in Ti-Rich TiNi Alloys</p> <p>Authors: F. Khaleghi, M. Tajally, <i>E. Emadoddin</i>, M. Mohri</p> <p>Affiliation /Language: Semnan University/English</p> <p>Source: Physica B-Condensed Matter, 546 (2018), 73-79.</p>
4	<p>Title: Investigation of Direct Extrusion Channel Effects on Twist Extrusion Using Experimental and Finite Element Analysis</p> <p>Authors: M. Nouri, H. R. Mohammadian Semnani, <i>E. Emadoddin</i>, S. K. Hyung</p> <p>Affiliation /Language: Semnan University/English</p> <p>Source: Measurement 127, (2018), 115-123</p>

5	<p>Title: Manufacturing of the Aluminum Metal-Matrix Composite Reinforced with Micro- and Nanoparticles of TiO₂ through Accumulative Roll Bonding Process (ARB)</p> <p>Authors: R. Usefiyan, <i>E. Emadoddin</i>, S. Baharnezhad</p> <p>Affiliation /Language: Semnan University/English</p> <p>Source: Rev. on Adv. Mat. Sci. 55(1), (2018), 1-11</p>
6	<p>Title: Microhardness Distribution and Finite Element Method Analysis of Al 5452 Alloy Processed by Unconstrained High Pressure Torsion</p> <p>Authors: S. Ghaemi Khiavi, <i>E. Emadoddin</i></p> <p>Affiliation /Language: Semnan University/English</p> <p>Source: J Mater. Res. Technol. 7 (4) (2018), 410-418</p>
7	<p>Title: Effect of martensitic transformation on springback behavior of 304L austenitic stainless steel</p> <p>Authors: H. Fathi, H. R. Mohammadian Semnani, <i>E. Emadoddin</i>, B. Mohammad Sadeghi</p> <p>Affiliation /Language: Semnan University/English</p> <p>Source: Materials Research Express 4(9), (2017), 1-10</p>
8	<p>Title: Functionally-Graded Shape Memory Alloy by Diffusion Annealing of Palladium-Coated NiTi Plates</p> <p>Authors: F. Khaleghi, M. Tajally, <i>E. Emadoddin</i>, M. Mohri</p> <p>Affiliation /Language: Semnan University/English</p> <p>Source: Met. Mater. Int. 23 (5) (2017), 915-922.</p>
9	<p>Title: Evaluation of Mechanical Properties and Structure of Al-1100 Composite Reinforced with ZrO₂ Nanoparticles via Accumulative Roll-Bonding</p> <p>Authors: A.R. Salimi, E. Borhani, <i>E. Emadoddin</i></p> <p>Affiliation /Language: Semnan University/English</p> <p>Source: Trans. Indian Inst. Met. 70 (4) (2017), 989-995</p>
10	<p>Title: Simulation and experimental investigation of strain rate impact on martensitic transformation in 304L steel through dome test</p> <p>Authors: H. Fathi, <i>E. Emadoddin</i>, H. R. Mohammadian Semnani</p> <p>Affiliation /Language: Semnan University/English</p> <p>Source: J. Mater. Res., 31 (14) (2016), 2136-2146.</p>
11	<p>Title: Effect of Punch Speed on the Formability Behavior of Austenitic Stainless Steel Type 304L</p> <p>Authors: H. Fathi, <i>E. Emadoddin</i>, H. R. Mohammadian Semnani, B. Mohammad Sadeghi</p> <p>Affiliation /Language: Semnan University/English</p> <p>Source: Met. Mater. Int., 22 (3) (2016), 397-406.</p>
12	<p>Title: Evaluation of Mechanical Properties and Structure of Al-1100 Composite Reinforced with ZrO₂ Nanoparticles via Accumulative Roll-Bonding</p> <p>Authors: A.R. Salimi, E. Borhani, <i>E. Emadoddin</i></p> <p>Affiliation /Language: Semnan University/English</p> <p>Source: <u>Procedia Materials Science</u>, 11 (2015), 67-73.</p>
13	<p>Title: Friction stir processing of 7075 Al alloy and subsequent aging treatment</p> <p>Authors: S. Gholami, <i>E. Emadoddin</i>, M. Tajally, E. Borhani</p> <p>Affiliation /Language: Semnan University/English</p> <p>Source: Trans. of Nonferrous Met. Soc. China, 25 (2015), 2847–2855.</p>
14	<p>Title: Manufacturing of copper foams through accumulative roll bonding (ARB) process: structure and damping capacity behavior</p>

	<p>Authors: M. Asadi Zeidabady, M. Tajally, <i>E. Emadoddin</i></p> <p>Affiliation /Language: Semnan University/English</p> <p>Source: Canadian Metallurgical Quarterly, 54 (2) (2015), 198–204.</p>
15	<p>Title: Formability Behavior of Brass Alloy Sheet: the Role of Twins in Microstructure</p> <p>Authors: Mohammad Tajally, <i>Esmail Emadoddin</i>, Ehsan Allah Shahi</p> <p>Affiliation /Language: Semnan University/English</p> <p>Source: Russian Journal of Non-Ferrous Metals, 55 (5) (2014), 429–435.</p>
16	<p>Title: Study of texture, anisotropy and formability of cartridge brass sheets Journal of Alloys and Compounds</p> <p>Authors: K. Hajizadeh, M. Tajally, <i>E. Emadoddin</i>, E. Borhani</p> <p>Affiliation /Language: Semnan University/English</p> <p>Source: Journal of Alloys and Compounds, 588 (2014), 690–696</p>
17	<p>Title: Effect of grain refinement on mechanical properties and sliding wear resistance of extruded Sc-free 7042 aluminum alloy</p> <p>Authors: M. Vasheghani Farahani, <i>E. Emadoddin</i>, M. Emamy, A. Honarbakhsh Raouf</p> <p>Affiliation /Language: Semnan University/English</p> <p>Source: Materials and Design 54 (2014), 361–367.</p>
18	<p>Title: Effect of Cold Rolling on Annealing Behavior and Retained Austenite Characteristics of Multiphase CMnSi Steel</p> <p>Authors: <i>E. Emadoddin</i></p> <p>Affiliation /Language: Semnan University/English</p> <p>Source: ISIJ International, 53(2) (2013), 330–336.</p>
19	<p>Title: Anisotropy of Retained Austenite Stability during Transformation to Martensite in a TRIP-Assisted Steel</p> <p>Authors: <i>E. Emadoddin</i>, A. Akbarzadeh, R. Petrov, L. Zhao</p> <p>Affiliation /Language: Semnan University/English</p> <p>Source: Steel Research International, 84(3) (2013), 297–303.</p>
20	<p>Title: Interface Characterization and Formability of Two and Three-Layer Composite Sheets Manufactured by Roll Bonding</p> <p>Authors: M. Masoumi, <i>E. Emadoddin</i></p> <p>Affiliation /Language: Semnan University/English</p> <p>Source: Materials and Design, 44 (2013), 392–396.</p>
21	<p>Title: Damping behavior of Al/SiC_p multilayer composite manufactured by roll bonding</p> <p>Authors: <i>E. Emadoddin</i>, M. Tajally, M. Masoumi</p> <p>Affiliation /Language: Semnan University/English</p> <p>Source: Materials & Design, 42 (2012), 334-338.</p>
22	<p>Title: Prediction of Damage Zone in Hot Forging Die and Suggesting Proper Heat Treatment for Improving Die Service Life</p> <p>Authors: M. Tahmasebi, <i>E. Emadoddin</i></p> <p>Affiliation /Language: Semnan University/English</p> <p>Source: International Journal of Damage Mechanics, 22(1) (2012), 37–47.</p>
23	<p>Title: Influence of cold-rolling reduction on retained austenite texture in cold-rolled and intercritically annealed TRIP-assisted steel</p> <p>Authors: <i>E. Emadoddin</i>, A. Akbarzadeh, R. Petrov, L. Kestens, H. Pirgazi</p> <p>Affiliation /Language: Semnan University/English</p> <p>Source: J. Applied Crystallography, 44 (2011), 1190–1197.</p>
24	<p>Title: Effect of retained austenite characteristics on fatigue behavior and tensile properties of transformation induced plasticity steel</p> <p>Authors: M. Abareishi, <i>E. Emadoddin</i></p>

	Affiliation /Language: Semnan University/English Source: Materials and Design, 32(10) (2011), 5099-5105.
25	Title: Mechanical and anisotropic behaviors of 7075 aluminum alloy sheets Authors: M. Tajally, <i>E. Emadoddin</i> Affiliation /Language: Semnan University/English Source: Materials and Design, 32 (2011), 1594–1599.
26	Title: Formability evaluation of trip-aided steel sheets with different microstructures: Polygonal ferrite and bainitic ferrite matrix Authors: <i>E. Emadoddin</i> , H. Asmari, A. Habibollahzadeh Affiliation /Language: Semnan University/English Source: International Journal of Material Forming, 2(Suppl. 1) (2009), 781-784.
27	Title: The Effect of Deformations Passes on the Extrusion Pressure in Axi-Symmetric Equal Channel Angular Extrusion Authors: A.R. Eivani, S. Ahmadi, <i>E. Emadoddin</i> , S. Valipour, A.K. Taheri Affiliation /Language: Semnan University/English Source: Computational Materials Science, 44 (2009), 1116–1125.
28	Title: Effect of Cold Rolling Reduction and Intercritical Annealing Temperature on the Bulk Texture of Two TRIP-Aided Steel Sheets Authors: <i>E. Emadoddin</i> , A. Akbarzadeh and G. H. Daneshi Affiliation /Language: Sharif University of Technology/English Source: Journal of Materials Processing Technology, 203(2008), 293-300
29	Title: Correlation Between Luder Strain and Retained Austenite in TRIP-Assisted Cold Rolled Steel Sheets Authors: <i>E. Emadoddin</i> , A. Akbarzadeh and G. H. Daneshi Affiliation /Language: Sharif University of Technology/English Source: Materials Science and Engineering A, 447(2007),174-179
30	Title: Effect of Intercritical Annealing on Retained Austenite Characterization in Textured TRIP-Assisted Steel Sheets Authors: <i>E. Emadoddin</i> , A. Akbarzadeh and G. H. Daneshi Affiliation /Language: Sharif University of Technology/English Source: Materials Characterization, 57(2006), 408-413

8-2- ISC Papers

1	Title: Effect of strain induced martensite on the deep drawing behavior of 304L steel: Simulation and Experiment Authors: H. Fathi, B. Mohammad Sadeghi, <i>E. Emadoddin</i> , H. R. Mohammadian Semnani Affiliation /Language: Semnan University/English Source: Iranian Journal of Materials Science & Engineering, In press, accepted manuscript, 19 February 2019
2	Title: Plastic Deformation Behaviour of Al 5452 Alloy Under Unconstrained High Pressure Torsion, Effect of Rotation Number and Pressure on Critical Radius Authors: S. Ghaemi Khiavi, <i>E. Emadoddin</i> Affiliation /Language: Semnan University/Persian Source: Journal of Iranian Manufacturing Engineering, 3(3) (2017), 40-47.
3	Title: Manufacture Of Aluminum Closed-Cell Foam By ARB Process Using CaCO ₃ as the Blowing Agent Authors: H. Fathi, <i>E. Emadoddin</i> , A. Habibollahzadeh Affiliation /Language: Semnan University/English

	Source: Iranian Journal of Materials Science & Engineering 9(3), (2012).
4	Title: Effects of Retained Austenite Characteristics on the Deep Drawability of TRIP-aided Steel Sheet
	Authors: H. Asmari, <i>E. Emadoddin</i> , Ali Habibolahzade
	Affiliation /Language: Semnan University/English
	Source: International Journal of Metallurgical Engineering, 1(4), (2012)
5	Title: Study of Foaming Conditions on Manufacturing of Aluminum Closed-Cell Foam by ARB Method with Blowing Agent of TiH ₂
	Authors: H. Fathi, <i>E. Emadoddin</i> and A. Habibollah Zadeh
	Affiliation /Language: Semnan University/Persian
	Source: Journal of Modarres Mechanics Engineering, 11(2) (1390), 65-73.

9- PUBLICATIONS-PRESENTED IN CONFERENCES

9-1- International Conference Papers

1	Title: Effect of Refiner (containing Ti & Zr) and Heat Treatment on Microstructure and Tensile Properties of Al 7042 Alloy
	Authors: N. Ataei, M. Vasheghani Farahani, M. Emamy, <i>E. Emadoddin</i> , J. Rasizadeh, A. Honarbakhsh Raouf
	Affiliation /Language: Semnan University/Persian
	Source: 2 nd International and the 7 th Joint Conference of IRANIAN METALLURGICAL ENGINEERING and IRANIAN FOUNDRYMEN SCIENTIFIC SOCIETY, University of Semnan, Semnan, IRAN, 30-31 Oct. 2013.
2	Title: Development of Cold Rolling and Intercritical Annealing Texture in Two TRIP-Aided Steels
	Authors: <i>E. Emadoddin</i> and A. Akbarzadeh
	Affiliation /Language: Sharif University of Technology/English
	Source: Materials Science Forum, 495-497(2005), 513-517
3	Title: Effect of Reduction in Area on the Properties and Adhesion of Electro-less Copper Coating of Low Carbon Steel
	Authors: F. Ghadami, R. A. Tahmasebi and <i>E. Emadoddin</i>
	Affiliation /Language: Semnan University/Persian
	Source: 7 th International Conference on SURFACE ENGINEERING AND HEAT TREATMENT, Amirkabir University of Technology, Tehran, IRAN, May(2003)295-303
4	Title: The Influence of Porosity and Infiltration on the Carburizing of AMP-1 Steel Part Fabricated by Powder Metallurgy Process
	Authors: M. Vaseghi, M. Kokhaei, A. Honarbakhsh and <i>E. Emadoddin</i>
	Affiliation /Language: Semnan University/Persian
	Source: 7 th International Conference on SURFACE ENGINEERING AND HEAT TREATMENT, Amirkabir University of Technology, Tehran, IRAN, May(2003), 481-490

9-2- National Conference/Seminar Papers

1	Title: Simultaneous Forward Extrusion After Twist Extrusion on Mechanical Properties of Aluminum AA 1100.
	Authors: M. Nori, H. R. Mohammadian Semnani, <i>E. Emadoddin</i>
	Affiliation /Language: Semnan University/Persian
	Source: 2 nd National Conference on Materials Engineering, Malayer University, IRAN, 25 January 2015.

2	<p>Title: Investigation on Strain Rate and Friction on Formability of Drawing Quality Steel Sheet DC04 Using in Automotive Body</p> <p>Authors: A. R. Amini, <i>E. Emadoddin</i></p> <p>Affiliation /Language: Semnan University/Persian</p> <p>Source: Steel Symposium '93, Ardakan Mining and Industrial Co., Yazd, IRAN, 24-25 Feb 2015.</p>
3	<p>Title: Effect of Deformation Parameters on Hot Deformation Behaviour of Austenitic Stainless Steel AISI 321</p> <p>Authors: M. E. Azimi Rad, <i>E. Emadoddin</i>, H. R. Mohammadian Semnani, V. Hasan Beigi, E. Roshanaei</p> <p>Affiliation /Language: Semnan University/Persian</p> <p>Source: Steel Symposium '93, Ardakan Mining and Industrial Co., Yazd, IRAN, 24-25 Feb 2015.</p>
4	<p>Title: Effect of Ti & Zr on Mechanical Properties and Wear of Al 7042 Alloy</p> <p>Authors: M. Vasheghani Farahani, <i>E. Emadoddin</i>, A. Honarbakhsh Raouf, M. Emamy,</p> <p>Affiliation /Language: Semnan University/Persian</p> <p>Source: 14th National Seminar on Surface Engineering, Esfahan University of Technology, Esfahan, IRAN, 8-9 Oct. 2013.</p>
5	<p>Title: Study of Microstructure and Properties of 7075 Aluminum Alloy under Friction Stir Process.</p> <p>Authors: S. Gholami, <i>E. Emadoddin</i>, M. Kazeminezhad and M. Tajally</p> <p>Affiliation /Language: Semnan University/Persian</p> <p>Source: 5th Conf. on Materials and Metals Forming (MATFORM'90), Sharif University of Technology, Tehran, IRAN, 12-14 April 2011</p>
6	<p>Title: Effect of Rolling Pass on Distribution of Blowing Agent Particles in Foam Manufacturing by ARB Method.</p> <p>Authors: H. Fathi, <i>E. Emadoddin</i> and A. Habibollah Zadeh</p> <p>Affiliation /Language: Semnan University/Persian</p> <p>Source: 5th Conf. on Materials and Metals Forming (MATFORM'90), Sharif University of Technology, Tehran, IRAN, 12-14 April 2011</p>
7	<p>Title: Comparison of Mechanical Behavior of CK45 Steel Bar under Burnishing and Drawing Processes by FEM Method.</p> <p>Authors: M. Mokhtari, <i>E. Emadoddin</i> and A. A. Najafzadeh Khoei</p> <p>Affiliation /Language: Semnan University/Persian</p> <p>Source: 5th Conf. on Materials and Metals Forming (MATFORM'90), Sharif University of Technology, Tehran, IRAN, 12-14 April 2011</p>
8	<p>Title: Relation Between Luders Strain and amount of Retained Austenite in TRIP Steels</p> <p>Authors: M. Abareshi, <i>E. Emadoddin</i></p> <p>Affiliation /Language: Semnan University/Persian</p> <p>Source: Steel Symposium '89, Mobareke Steel Complex, Isfahan, IRAN, 4-5 March 2011.</p>
9	<p>Title: Evaluation of Competitive Status of Iran Steel Foundry at International Marketing</p> <p>Authors: V.R. Mirabyan, M. Tabatabaei, <i>E. Emadoddin</i> and S. Majoni</p> <p>Affiliation /Language: Semnan University/Persian</p> <p>Source: Steel Symposium '88, Iran Alloy Steel Company, Yazd, IRAN, 2-3 March 2010.</p>
10	<p>Title: Investigation of Rolling Conditions on Microstructure, Texture and Formability of AZ31 Magnesium Alloy Sheets.</p> <p>Authors: A. Mohammad Taheri, <i>E. Emadoddin</i>, M. Amir Hassani</p>

	<p>Affiliation /Language: Semnan University/Persian</p> <p>Source: The 9th Conference of IRANIAN AEROSPACE SOCIETY, Islamic Azad University, Science and Research Branch, Tehran, IRAN, 8-10 Feb. 2010.</p>
11	<p>Title: Effect of Austempering Time and Temperature on Retained Austenite Characteristics and Mechanical Properties of TRIP steel.</p> <p>Authors: M. Abareshi, <i>E. Emadoddin</i></p> <p>Affiliation /Language: Semnan University/Persian</p> <p>Source: 4th Annual Conference of METALLURGICAL ENGINEERING SOCIETY OF IRAN and IRANIAN CASTING SOCIETY, University of Science and Technology, Tehran, IRAN, 15-16 Nov. 2010.</p>
12	<p>Title: Effect of Retained Austenite Characteristics on Fatigue Behavior of TRIP steel.</p> <p>Authors: M. Abareshi, <i>E. Emadoddin</i></p> <p>Affiliation /Language: Semnan University/Persian</p> <p>Source: 4th Annual Conference of METALLURGICAL ENGINEERING SOCIETY OF IRAN and IRANIAN CASTING SOCIETY, University of Science and Technology, Tehran, IRAN, 15-16 Nov. 2010.</p>
13	<p>Title: Effect of Retained Austenite Characteristics on Deep-Drawability of Cold Rolled and Annealed TRIP Steel Sheets</p> <p>Authors: H. Asmari, <i>E. Emadoddin</i> and A. Habibolah Zadeh</p> <p>Affiliation /Language: Semnan University/Persian</p> <p>Source: 4th Conf. on Materials and Metals Forming (MATFORM'87), Sharif University of Technology, Tehran, IRAN, April (2006)</p>
14	<p>Title: Comparison of Retained Austenite Characteristics in Bainitic and Multiphase TRIP Steels</p> <p>Authors: H. Asmari, <i>E. Emadoddin</i> and A. Habibolah Zadeh</p> <p>Affiliation /Language: Semnan University/Persian</p> <p>Source: Steel Symposium '87, Chamran University of Ahvaz, IRAN, 4-5 March (2006).</p>
15	<p>Title: On the Formability of TRIP steel sheets with BT and MPT Matrix</p> <p>Authors: H. Asmari, <i>E. Emadoddin</i> and A. Habibolah Zadeh</p> <p>Affiliation /Language: Semnan University/Persian</p> <p>Source: 2nd Annual Conference of METALLURGICAL ENGINEERING SOCIETY OF IRAN and IRANIAN CASTING SOCIETY, Karaj Azad University, IRAN, 19-20 Nov. 2008.</p>
16	<p>Title: Investigation on Mechanical Properties and Formability of Intercritically Annealed Cold Rolled Sheets of Two TRIP Steel</p> <p>Authors: <i>E. Emadoddin</i>, A. Akbarzadeh and G. H. Daneshi</p> <p>Affiliation /Language: Sharif University of Technology/Persian</p> <p>Source: 3rd Conf. on Materials and Metals Forming (MATFORM'85), Tehran University, IRAN, April(2006)</p>
17	<p>Title: Effect of Hot Compression on Ferrite Formation in Medium Carbon V-Ti Contain Micro Alloy Steel</p> <p>Authors: A. Pymozd, A. Habibollah Zadeh, <i>E. Emadoddin</i> and H. R. Mohammadian</p> <p>Affiliation /Language: Semnan University/Persian</p> <p>Source: Steel Symposium 84, Annual Conference of IRON AND STEEL SOCIETY OF IRAN, Isfahan University of Technology, IRAN, Feb.(2006), 334-343.</p>
18	<p>Title: Investigation on Hot Workability of AISI D6 Tool Steel</p>

	<p>Authors: M. Vaseghi, A. Akbarzadeh, <i>E. Emadoddin</i>, M. R. Haj Lotfalia and E. A. Mohammadi</p> <p>Affiliation /Language: Sharif University of Technology/Persian</p> <p>Source: Steel Symposium 83, Annual Conference of IRON AND STEEL SOCIETY OF IRAN, Iran Alloy Steel Company (IASCO), Yazd, IRAN, March(2005)248-257</p>
19	<p>Title: Effect of Consolidation by Pre-sintering Compaction and Copper Infiltration on the Carburizing of P/M steel Parts</p> <p>Authors: M. Vaseghi, <i>E. Emadoddin</i>, A. Honarbakhsh and M. Kokhaei</p> <p>Affiliation /Language: Semnan University/Persian</p> <p>Source: 7th Annual Conference of METALLURGICAL ENGINEERING SOCIETY OF IRAN, Sharif University of Technology, Tehran, IRAN, Oct.(2003)841-850</p>
20	<p>Title: Hot Deformation of ZA27 Alloy in Semi-Solid State</p> <p>Authors: H. Ashori and <i>E. Emadoddin</i></p> <p>Affiliation /Language: Sharif University of Technology /Persian</p> <p>Source: 11th Annual Conference of CASTING SOCIETY OF IRAN, Sharif University of Technology, Tehran, IRAN, May(1999), 181-190</p>