

# Resume

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## MOHAMMED REZA BAHARI

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### ➤ PERSONAL:

**Born on 27/7/1961, W. Azarbayjan, Iran**

### ● EDUCATION:

Doctor of Philosophy in Solid Mechanics (Structures),  
Department of Civil Engineering, University of Waterloo  
Waterloo, Ontario, N2L 3G1, Canada, 1990-1994

Master of Applied Science in Structural Engineering,  
Sharif University of Technology (S.U.T.), Tehran, Iran 1987-89

Bachelor of Engineering in Civil Engineering,  
Sharif University of Technology (S.U.T.), Tehran, Iran 1982-1986

### ● EMPLOYMENT:

- **Faculty member, School of Civil Engineering, College of Engineering,  
University of Tehran,  
Sept 1995- Present:**

#### **Full Professor**

Dec. 2016-Present

#### **Chief Editor**

20<sup>th</sup> Marine Engineering International Conference & Exhibition  
Dec 2018, Tehran, Iran

**Head of Coasts, Ports & Offshore Structures Department**  
**School of Civil Eng., University of Tehran**  
March 2014 – May 2018

**Associate Professor:**  
October 2001 – Dec. 2016

**Assistant Professor:**  
September 1995 - September 2001

**Post-Graduate Students Supervisor**

✓ *Completed:* more than 40 Master & 7 PhD Students  
*In progress:* 5 Master students and 4 PhD Candidates

✓ *Main Topics:*  
Offshore Oil & Gas Platforms; Offshore Wind Turbine Foundations;  
Multi-planar Tubular Connections (FRP retrofit- SCF- Faigue)  
Sea lines Analysis & Performance, Design and Construction- Corrosion;  
PIMS & SIMS applications in offshore Steel Structures,  
Beam to Column (Bolted) (Semi\_rigid) Connections;

**Teaching**

✓ *Bachelor Courses*

Building Construction Methods, Loading of Structures; Strength of Materials;  
Structure and Material Properties, Statics, English for Civil Engineers

✓ *Graduates courses*

Theory of Elastic Stability of Structures  
Offshore Platforms Engineering & Offshore Construction  
Subsea Pipeline Engineering

**Editor-in-Chief:**

February 1997- 2008  
Official & Peer reviewed “Journal of Faculty of Engineering”, U of Tehran

**Visiting Research Professor:**

June-July 1997 & July-August 1996  
University of Waterloo, Waterloo, Ontario, Canada

**Post Doctorate Fellowship:**

Nov. 1<sup>st</sup> 1994- May 30 1995, Dept. of Civil Engineering, University of Waterloo  
Investigated & published papers on Flush Endplate and heavy beam-to-column connections with 8 HSFG bolts in tension region

**Research/ Teaching Assistant & Full Scholarship:** Sept. 1990 - Nov. 1994;  
Dept. of Civil Engineering, University of Waterloo

**Adjunct Lecturer:** 1987-1989, Sharif University of Technology (S.U.T),  
Tehran, Iran

• **AWARDS, SCHOLARSHIPS:**

- ✓ Distinguished *Editor-in-Chief*, University of Tehran, 1998, 2002 & 2005
  - ✓ Faculty of Engineering (FOE) Award, University of Waterloo, 1993 & 1994.
  - ✓ University of Waterloo Graduate Scholarship, 1992 & 1994.
  - ✓ Doctoral Scholarship, Ministry of Science & Technology, Iran 1990-1994.
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## Offshore Industry Experiences

### Executive Management Senior Advisor

Pars Oil & Gas Company (POGC)  
Dec 2017 – Dec 2018

### Vice-President, Offshore

Offshore Iranian Offshore Engineering & Construction Co (IOEC)  
August 2014- Oct. 2017;  
Directing fleet spread and offshore Pipe lay and platform Installations

### Senior Project Director

Offshore Iranian Offshore Engineering & Construction Co (IOEC)  
August 2007- Oct. 2015; South Pars Phase 12- Sealines & SPM;  
Contract Value: 753 MUSD original + 150 MUSD Variation Orders

### IOEC Offshore Installation Projects Manager: March 2004- Oct 2007

- June 2007-Sept 2007: CEO representative in ZPMC China for design of **DP2 HLV Oceanic 5000**
- Oct 2005- 2006; **Paradip** Import Pipeline & SPM/ PLEM Installation, East India
- Oct. 2005-May 2007; Two New rigid **Stingers** design and fabrication for DLB 1200
- March 2004- 2006; **South Pars Phase 9&10** Installation of offshore Topsides (2 x 2400 MT each) along with 2 Sour Gas Trunk lines totaling 187kM 32" Export pipe + 4" piggy back MEG pipelines EPCIC contract
- April 2004- 2005; **EPC3 Salman** Export pipelay to Mubarak (214 KM 30" Sealine Laying)
- Sept 2004-2008; **Bahregansar Field Renovation** Installation/ Removal Project (LAT 8m Shallow water constrained work; installed PP 2400 MT & LQ 1250 MT with Sheer\_leg along with new jackets and connecting bridges & flares)

### IOEC Project Installation Manager: Oct. 1998- May 2004

- Oct. 2003- March 2004; **South Pars Phases 9 &10** all offshore ancillaries installations
- May 2003- Nov 2003; **South Pars Phases 4&5** Ancillaries Installation Project,
- June 2001- May 2003; **South Pars Phase 1** all 4 launch Jackets & Ancillaries Installation

- April 1999- May 2001; **Abouzar Field Renovation & Extension** Installation/ Removal Project located 75km W of Kharq Island ((Renovation included flushing & field strengthening of 3 old topsides for removal followed by L/O and lift installation of 3 new topsides AA, Ab & AC of 2500 mT each plus installation of 2 LQ & PP Jackets & Ancillaries) and Extension included installation of 4 No of 4 leg WHPs A11, A15, A16 & A18))
- **LANGUAGES:**  
Persian and Turkish (Azari as native); English (Read/write/ Speak); Arabic (Reading only)

## **Selected PUBLICATIONS:**

### **REFEREED JOURNAL PAPERS:**

1. Iman Seyfipour, Rasoul Mirghaderi, Mohammad Reza **Bahaari**, "LATERAL BUCKLING AND STABILITY OF HP/HT PIPELINES ON SIDEWAYS SLOPING SEABED." Manuscript submitted to [Journal of Ocean Engineering and Marine Energy](#), 20<sup>th</sup> Nov. 2021- Under Review.
2. Mohsen Abyani, Mohammad Reza **Bahaari**, "Predicting failure pressure of the corroded offshore pipelines using an efficient finite element based algorithm and machine learning techniques." submitted to [Ocean Engineering](#), 14<sup>th</sup> Nov. 2021, Under Review
3. Alireza Sadat Hosseini, Mohammad Reza **Bahaari** and Mohammad Lesani, "Load bearing capacity of GFRP-strengthened tubular T-joints: Experimental and Numerical study." Revised Manuscript Accepted for publication, [STRUCTURES](#), Jan 2022.
4. Mohsen Abyani, Mohammad Reza **Bahaari**, "A new Approach for Finite Element Based Reliability Evaluation of Offshore Corroded Pipelines." [International Journal of Pressure Vessels and Piping](#), May 2021.
5. Alireza Sadat Hosseini, Mohammad Reza **Bahaari**, Mohammad Lesani and Pouria Hajikarimi, "Static Load-Bearing Capacity Formulation for Steel Tubular T/Y-Joints Strengthened with GFRP and CFRP" [Composite Structures](#), April 2021, <https://doi.org/10.1016/j.compstruct.2021.113950>
6. Iman Seyfipour, Mohammad Reza **Bahaari**, Rasoul Mirghaderi, "Efficient Methods to Mitigate SCR-induced Walking of Short Subsea Flowlines." [Marine Structures](#), Nov 2020, <https://doi.org/10.1016/j.marstruc.2020.102891>
7. Mohsen Abyani, Mohammad Reza **Bahaari**, "Effects of correlation between the adjacent components on time dependent failure probability of corroded pipelines." [Structure and Infrastructure Engineering \(SIE\)](#), Feb 19, 2020. <https://doi.org/10.1080/15732479.2020.1811990>
8. Alireza Sadat Hosseini, Mohammad Reza **Bahaari** and Mohammad Lesani, "Experimental and numerical Studies of SCFs in FRP strengthened tubular T-joints under axially loaded brace." [Engineering Structures](#), March 2020. <https://doi.org/10.1016/j.engstruct.2020.110548>
9. Mohsen Abyani, Mohammad Reza **Bahaari**, "A Comparative Reliability Study of Corroded Pipelines Based on Monte Carlo Simulation and Latin Hypercube Sampling Methods." [International Journal of Pressure Vessels and Piping](#), <https://doi.org/10.1016/j.ijpvp.2020.104079>, March 2020,

10. Mohsen Abyani, Mohammad Reza **Bahaari**, Mohammad Zarrin, Mohsen Nasser, "Effects of Sample Size of Ground Motions on Seismic Fragility Analysis of Offshore Jacket Platforms Using Genetic Algorithm." *Ocean Engineering*, 189 (2019), <https://doi.org/10.1016/j.oceaneng.2019.106326> Elsevier
11. Saeed Darvishi-Alamouti, Mohammad-Reza **Bahaari**, Majid Moradi, "Dynamic analysis of a monopile supported wind turbine considering experimental p-y curves." *Ships and Offshore Structures*, 1-13, Sept. 2019, <https://doi.org/10.1080/17445302.2019.1665910>
12. Alireza Sadat Hosseini, Mohammad Reza **Bahaari** and Mohammad Lesani, "Parametric Study of FRP Strengthening on Stress Concentration Factors in an Offshore Tubular T-Joint Subjected to In-Plane and Out-of-Plane Bending Moments." *International Journal of Steel Structures*, Springer, 19 (6), 1755-1766, August 2019, <https://doi.org/10.1007/s13296-019-00244-0>
13. Alireza Sadat Hosseini, Mohammad Reza **Bahaari** and Mohammad Lesani, "Stress concentration factors in FRP-strengthened offshore steel tubular T-joints under various brace loadings." *STRUCTURES*, 20 (2019) 779–793, Elsevier
14. Iman Seyfipour, Mohammad Reza **Bahaari**, Rasoul Mirghaderi, "Analytical Study of Subsea Pipeline Behaviour Subjected to Axial Load in Free-span Location." *Journal of Marine Engineering & Technology*, Oct. 2018, Taylor & Francis Group
15. Saeed Darvishi-Alamouti, Majid Moradi, Mohammad-Reza **Bahaari**, "Centrifuge modeling of monopiles subjected to lateral loading." *Scientia Iranica*, International Journal of Science and Technology, 26 (6), 3110-3124, 2019 (SUT), DOI:10.24200/sci.2018.20222
16. Alireza Sadat Hosseini, Mohammad Reza **Bahaari** and Mohammad Lesani, "SCF distribution in FRP-strengthened tubular T-joints under brace axial loading." *Scientia Iranica*, International Journal of Science and Technology, DOI:10.24200/SCI.2018.5471.1293, 2018 (SUT)
17. Alireza Sadat Hosseini, Mohammad Reza **Bahaari**, "Effect of FRP Material Properties on Chord SCFs of an FRP-Strengthened Offshore Tubular T-Joint under Brace Axial Loading." *International Journal of Coastal and Offshore Engineering*, 2(2), 1-9, 2018
18. Saeed Darvishi-Alamouti, Mohammad-Reza **Bahaari**, Majid Moradi, "Natural frequency of offshore wind turbines on rigid and flexible monopiles in cohesionless soils with linear stiffness distribution." *Applied Ocean Research*, 67 (2017) 1–12

19. Lesani, Mohammad, Mohammad Reza **Bahaari**, and Mahmood Mehrdad Shokrieh. "FRP wrapping for the rehabilitation of Circular Hollow Section(CHS) tubular steelconnections." *Thin-Walled Structures*, Vol 90, no. 1 (2015): 216-234.
20. Khalaj Khalajestani, Mohsen, Mohammad Reza **Bahaari**, Alireza Salehi, and Siamak Shahbazi. "Predicting the limit pressure capacity of pipe elbows containing single defects." *Applied Ocean Research*, Vol 53, no. 7 (2015): 15-22.
21. Lesani, Mohammad, Mohammad Reza **Bahaari**, and Mahmood M. Shokrieh. "Experimental investigation of FRP-strengthened tubular T-joints under axial compressive loads." *Journal of Construction and Building Materials* 53, no. 2 (2014): 243-252.
22. Khalaj Khalajestani, Mohsen, and Mohammad Reza **Bahaari**. "Investigation of Pressurized Elbows Containing Interactive Corrosion Defects." *International Journal of Pressure Vessels and Piping*, No. 123 (2014): 77-85.
23. Mahbobeh Mirzaie Aliabadi, Mohammad Reza **Bahaari**, Shahabeddin Torabian. "Design and Analytical Evaluation of a New Self-Centering Connection with Bolted T-Stub Devices". *Advances in Materials Science and Engineering*, 2014
24. Mahbobeh Mirzaie, Mohammad Reza **Bahaari** ,Seyed Hassan Emam, "Numerical Simulation of the New Post tensioned Column Base with Bolted T-stubs". *ISIJ International*, Vol. 54, No. 1, 2014
25. M. Lesani, **M.R. Bahaari** & M.M. Shokrieh "Numerical investigation of FRP-strengthened tubular T-joints under axial compressive loads". *Composite Structures*, Vol. 100 , pp. 71-78, 2013, Elsevier Publication
26. Lesani, M, **Bahaari, M**, and Shokrieh, M. "Detail investigation on un-stiffened T/Y tubular joints behavior under axial compressive loads." *Journal of Constructional Steel Research*, Vol. 80, pp. 91-99. 2013
27. Ghassemieh, M., Ghodrati, S.M., **Bahaari, M.R.** & S.A. Nojoumi, (2013) "Seismic Enhancement of Coupled Shear Walls Using Shape Memory Alloys". *Journal of Civil Engineering and Science*, Vol. 2, Iss.2, pp. 93-101. 2013
28. Mona Hezarjaribi, **M.R. Bahaari**, Vahid Bagheri, Hossein Ebrahimian, (2013) "Sensitivity analysis of jacket-type offshore platforms under



- extreme waves". *Journal of Constructional Steel Research*, Volume 83, pp. 147–155, April 2013
29. Alanjari, P., Asgharian, B., **Bahaari, M.R.** & M. R. Honarvar, (2009) "On the energy dissipation of jacket type offshore platforms with different pile-leg interactions" *Applied Ocean Research (APOR)*, Vol. 31, pp.82–89, 2009, Elsevier Publication
30. M. R. Honarvar, **M.R. Bahaari**, Asgharian, B. & P. Alanjari, (2007) "Cyclic Inelastic and analytical modeling of pile leg interaction in jacket type offshore platforms". *Applied Ocean Research (APOR)*, Vol. 29, pp.167–179, 2007, Elsevier Publication
31. M. R. Honarvar, **M.R. Bahaari** & Asgharian, B. (2008) "Effect of Grouting in Jacket Type Offshore Platforms Pile-Leg Interaction in Nonlinear Range of Deformation". *Journal of Offshore Mechanics and Arctic Engineering, OMAE-ASME*, Nov. 2008, Vol. 130
32. M. R. Honarvar, **M.R. Bahaari** & Asgharian, B.,(2008) "Experimental Modeling of Pile-Leg Interaction in Jacket Type Offshore Platforms Cyclic Inelastic Behavior". *American Journal of Applied Sciences*, Vol. 5, No 11, pp. 1448-1460, Science Publication, 2008
33. M. R. Honarvar, M.D. Pirooz & **Bahaari, M.R.**, (2008) "A physical and numerical modeling for launching of jackets (Case Study on Balal PLQ Platform)". *Journal of Offshore Mechanics and Arctic Engineering, OMAE-ASME*, Vol. 130, No.3, Aug. 2008
34. A. Kheyri, & **Bahaari, M.R.**, (2010) "Dynamic Push Over Analysis of Fixed Offshore Platforms under Sea Loading", *Amir-Kabir Journal of Engineering (In Farsi)*, Vol 42, Serial No 71, Summer 2010
35. **Bahaari, M.R** & Mehdizadeh, B, (2010) "Parametric Study of Dynamic Behavior and Residual Strength of Axially Pre-Loaded Tubular Steel Members of Offshore Structures Subjected to Impact Damage". *Amir-Kabir Journal of Engineering (In Farsi)*, Vol 42, Serial No 70, 2010
۳۶. محمدرضا بهاری، (۱۳۸۴) "هدایت توانمندی های ملی برای اجرای پروژه های فراساحل: ضرورت ها و نیازها" نشریه پیام دریا، جلد ۱۴، شماره ۱۴۳، ص ۴۲-۴۹، ۱۳۸۴
37. **M.R. Bahaari** & Molaei, B. (2003), "Numerical Analysis of Stress Concentration Factors for KK Multiaxial Tubular Connections". *Journal of Faculty of Engineering*, University of Tehran, Vol. 37, No.1, Serial # 79, (in Farsi), pp. 1-12

38. **M.R. Bahaari** & Hosseini, B. (2003), "Numerical Analysis of Stress Concentration Factors for XX & TT Multiaxial RHS Connections". *Journal of Faculty of Engineering, University of Tehran*, Vol. 36, No.3, Serial # 77, (in Farsi), pp. 345-359
39. **M.R. Bahaari** & Hassanirad, A. (2002), "Moment-Rotation Relationship in Flush Endplate Connections". *Journal of Faculty of Engineering, University of Tehran*, Vol. 36, No.2, Serial no 76, (in Farsi), pp. 185-200.
40. **M.R. Bahaari** & Shokrollahi, B. (2001). "Numerical Study of Ship Collision to Offshore Platforms". *Journal of Faculty of Engineering, University of Tehran*, Vol. 36, No.1, Serial no 75 (in Farsi), pp. 25-34.
41. Mohammed R **Bahaari** & Archibald N Sherbourne (2000). "Behavior of 8-Bolt Large Capacity Endplate Connection". *Computers and Structures*, (An Intl. Journal), Vol. 77, pp. 315-325
42. **M.R. Bahaari** & A.A. Rahmatipour (2000). "Buckling Residual Capacity of Corroded Plates". *Journal of Faculty of Engineering*, Vol. 34, No. 2, Serial no 68, (in Farsi), pp. 33-43, University of Tehran, Tehran, Iran,
43. **M.R. Bahaari** and Karimdadian, M. (1999). "Study of SCF in Multi Planar Tubular Connections." *Journal of Faculty of Engineering*, Vol. 33, No.2, Serial no 63, (in Farsi), University of Tehran, Tehran, Iran
44. Mohammed R **Bahaari** (1998). "Numerical Modeling of Flush Endplate Bolted Connections." *Journal of Faculty of Engineering*, Vol. 31, No.2, Serial no 61, University of Tehran, Tehran, Iran, Dec. 1998
45. Archibald N Sherbourne & Mohammed R **Bahaari** (1997) " Finite Element Prediction of Endplate Bolted Connection Behavior; Part 1: Parametric Study." *Journal of Structural Engineering*, ASCE, 123 (2), pp.157-164, USA, Feb. 1997
46. Mohammed R **Bahaari** & Archibald N Sherbourne (1997) "Finite Element Prediction of End Plate Bolted Connection Behavior. II: Analytic Formulation." *Journal of Structural Engineering*, ASCE, 123 (2), pp.165-175 USA, Feb. 1997
47. Archibald N Sherbourne & Mohammed R **Bahaari** (1996) "3D Simulation of Bolted Connections to Unstiffened Columns: Part 1: T-Stub Connections." *Journal of Constructional Steel Research*, Vol. 40, No.3, pp.169-188, U.K., Dec. 1996
48. Mohammed R **Bahaari** & Archibald N Sherbourne (1996) "3D Simulation of Bolted Connections to Unstiffened Columns: Part 2: Extended Endplate

- Connections". *Journal of Constructional Steel Research*, Vol. 40, No.3, pp.189-224, U.K., Dec. 1996
49. Mohammed R **Bahaari** & Archibald N Sherbourne (1995) "Structural Behavior of Endplate Connected to Stiffened Column." *Journal of Structural Engineering*, ASCE, 122(8), pp. 926-935, USA
  50. Archibald N. Sherbourne and Mohammed R. **Bahaari** (1994) "3D Simulation of End-Plate Bolted Connections." *Journal of Structural Engineering*, ASCE, Vol. 120(11), pp. 3122-3136, Nov. 1994
  51. M. R. **Bahaari** and A.N. Sherbourne (1994) "Computer Modeling of an Extended End-Plate Bolted Connection." *Computers and Structures (An Intl. Journal)*, Vol. 52(5), pp.879-893, Sept. 1994.

## **CONFERENCE PAPERS:**

1. Mohsen Abyani , Mohammad Reza **Bahaari**, (2019) "Impact of Number of Selected Records on Probabilistic Seismic Performance of Offshore Jacket Platforms." **SEE8**, 8th Seismology & Earthquake Engineering Conf., Tehran, Iran
2. Neda Bozorgi, Mohammadreza **Bahaari**, "Seismic Response Assessment of Offshore Wind Turbines Using Endurance Time Method." **SEE8**, 8th Seismology & Earthquake Engineering Conf., Tehran, Iran.
3. Alireza Sadat Hosseini, Mohammad Reza **Bahaari**, and Mohammad Lesani (2019) "Experimental Investigation of the Static Load Bearing Capacity of a FRP-Strengthened Tubular T-Joint Under Brace Axial Compressive Loading." **SUT 3rd Int'l Conf. Structural Eng & Construction Management**, June 2019
4. Mohsen Abyani , Mohammad Reza **Bahaari**, (2019), Reliability analysis of offshore pipelines against internal corrosion using Monte Carlo simulation method." **8th International Offshore Industries Conference**, June 2019 – Tehran, Sharif University of Technology.
۵. ایمان سیفی پور، محمدرضا بهاری، (۱۳۹۸)، " استفاده از خمش پسماند حین نصب و توسعه کمانش جانبی در خطوط لوله فراساحل." **هشتمین همایش بین المللی صنایع فراساحل**، خرداد ۱۳۹۸، دانشگاه صنعتی شریف
6. Alireza Sadat Hosseini, Mohammad Reza **Bahaari**, and Mohammad Lesani (2019) "Experimental investigation of Stress Concentration Factors in a FRP-strengthened tubular T-joint under brace axial loading." **8th International Offshore Industries Conference**, June 2019 – Tehran, Sharif University of Technology
7. Alireza Sadat Hosseini, Mohammad Reza **Bahaari**, and Mohammad Lesani (2018) "Experimental Numerical analysis of static axial load bearing capacity enhancement in FRP strengthened tubular T-joints." **The 6th International Conference on Composites: Characterization, Fabrication and Application (CCFA-6)**
8. Iman Seyfipour, Mohammad R **Bahaari** and Rasoul Mirghaderi, (2018) "Buckling of Subsea Steel Pipelines under Compressive Axial Load on Sloped Seabed." **3rd Int'l Steel & Structure Conference, 11-12 Dec., 2018**, Tehran, Iran.
۹. ایمان سیفی پور، محمدرضا بهاری، (۱۳۹۷)، "پیشروی محوری خط لوله فراساحل ناشی از سیکل های متوالی روشن و خاموش شدن در طول عمر سیستم" **بیستمین همایش صنایع دریایی ایران**، ۲۱ آذر ۱۳۹۷، تهران، ایران
10. Iman Seyfipour and Mohammad R **Bahaari**, (2018), "Pipe/Soil Interaction Effect On Thermo-Mechanical Response Of Subsea Pipelines." **13th Int'l Conf. on Coasts, Ports and Marine Structures (ICOPMAS)**, 26-28 Nov. 2018, Tehran, Iran

11. Maryam Serajian & M.R. **Bahaari**, (2018), "Challenges Of Gas Export Pipeline Projects." *13<sup>th</sup> Int'l Conf. on Coasts, Ports and Marine Structures (ICOPMAS)*, 26-28 Nov. 2018, Tehran, Iran.
12. M.R. **Bahaari**, (2018), "Demands from an Efficient Structural Integrity Management." *1<sup>st</sup> Int'l Conference on Asset Integrity Management in Oil & Gas- Offshore*, 25-26 June, 2018, Tehran, Iran.
13. Saeed Darvishi Alamouti, Mohammad Reza **Bahaari**, Majid Moradi, (2018), "Soil-pile interaction issues in offshore monopile wind turbines." *11<sup>th</sup> Int'l Congress on Civil Engineering*, 8-10 May, 2018, U of Tehran, Tehran, Iran
14. Alireza Sadat Hosseini, Mohammad Reza **Bahaari**, and Mohammad Lesani, (2018), "The effect of fibers orientation on stress concentration factors of FRP-strengthened offshore tubular T-joint under brace axial loading." *11<sup>th</sup> Int'l Congress on Civil Engineering*, 8-10 May, 2018, U of Tehran, Tehran, Iran
15. Iman Seyfipour, Mehrdad Kimiaei, Mohammad R **Bahaari** and Rasoul Mirghaderi, (2018), "Behaviour Of Subsea Pipelines Under Combined Free-Span And Buckling Loading States." *13<sup>th</sup> International Conference on Steel, Space and Composite Structures*, 31 January - 2 February 2018, Perth, Australia

۱۶. **محمد رضا بهاری**، (۲۰۱۸)، "مطالعات و چالش های اجرا و راهبری پروژه های خطوط لوله دریایی صادرات گاز" سخنران کلیدی دومین کنفرانس ملی پژوهش های کاربردی در مهندسی سازه و مدیریت ساخت، اسفند ۱۳۹۶، دانشگاه صنعتی شریف

۱۷. **سید علیرضا میری و محمد رضا بهاری**، (۲۰۱۸)، "مطالعه و امکان سنجی سازه ای برچیدن جکت سکوی نمونه در خلیج فارس." دومین کنفرانس ملی پژوهش های کاربردی در مهندسی سازه و مدیریت ساخت، اسفند ۱۳۹۶، دانشگاه صنعتی شریف

۱۸. **پریسا قهاری و محمد رضا بهاری**، (۲۰۱۷) "مطالعه مقایسه ای برای انتخاب زیرسازه مناسب برای توربین بادی فراساحلی." *نوزدهمین همایش صنایع دریایی*، ۲۰ الی ۲۲ آذرماه ۱۳۹۶ (MIC2017)-، جزیره کیش، ایران

۱۹. **پریسا قهاری و محمد رضا بهاری**، (۲۰۱۷) "طراحی و ارزیابی تکشمع به عنوان زیرسازه توربین بادی فراساحلی در خلیج فارس." *نوزدهمین همایش صنایع دریایی*، ۲۰ الی ۲۲ آذرماه ۱۳۹۶ (MIC2017)-، جزیره کیش، ایران.

۲۰. **سپیده روستایی و محمد رضا بهاری**، (۲۰۱۷) "اثر فرضیات ساده کننده در انرژی قابل جذب سکوی جاکت تحت برخورد کشتی." *نوزدهمین همایش صنایع دریایی*، ۲۰ الی ۲۲ آذرماه ۱۳۹۶ (MIC2017)-، جزیره کیش، ایران

۲۱. سپیده روستایی و محمدرضا بهاری، (۲۰۱۷) " مطالعه اثر پارامترهای هندسی اعضای درگیر ضربه بر نیروی برخورد کشتی به مهاربند جاکت." هفتمین همایش بین المللی صنایع فراساحل، خرداد 1396، تهران، دانشگاه صنعتی شریف، ایران

۲۲. سپیده روستایی و محمدرضا بهاری، (۲۰۱۷) " بررسی اثر اندرکنش دماغه کشتی و عضو مهاربند جاکت در جذب انرژی برخورد." هفتمین همایش بین المللی صنایع فراساحل، خرداد 1396، تهران، دانشگاه صنعتی شریف، ایران

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