Curriculum Vitae

Dr. Raghawendra P. S. Sisodia, PhD

Associate Professor, EWE/IWE
Institute of Materials Science and Technology,
Faculty of Mechanical Engineering and Informatics
University of Miskolc, Miskolc, Hungary
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Nationality: Indian

ResearchGate: https://www.researchgate.net/profile/Raghawendra_Sisodia
GoogleScholar: https://scholar.google.com/citations?user=8K-tOVAAAAAJ&hl=en

Research fields: High energy beam welding technologies: EBW, LBW/Hybrid Welding, LBW; EBAM; Advanced high strength Steels/Super alloys, Aluminium alloys, Hydrogen/Natural gas Pipeline steels, Residual Stress; Numerical (SYSWELD) and Physical simulation (GLEEBLE 3500), Residual stresses (XRD), Mechanical testings; Materials Characterization.

Teaching Experience: Weldability of Materials, Advanced Materials Processing, Fusion Welding, Pressure Welding, Heat treatment and Welding, Materials Science, Numerical and Physical Simulation of Welding, Structural Materials I & II.

Work Experiences

1. Associate professor, University of Miskolc, Hungary
   01/09/2022- Present
2. Senior lecturer, University of Miskolc, Miskolc, Hungary
3. Assistant lecturer, University of Miskolc, Miskolc, Hungary
4. Assistant Research Fellow, Institute of Materials Science and Technology
5. Assistant researcher, Institute of Materials Science and Technology, University of Miskolc, Miskolc, Hungary

Educational qualifications

1. PhD in Mechanical Engineering Sciences (summa cum laude), University of Miskolc, Miskolc, Hungary
   Dissertation- High energy beam welding of Advanced high strength steels
2. Diploma in International Welding Engineer/European Welding Engineer (IWE/EWE)
   University of Miskolc, Miskolc, Hungary
3. MSc, Mechanical Engineering (CAD/CAM), University of Miskolc, Miskolc, Hungary

Visiting Faculty

- 2022- Within Erasmus faculty mobility program, guest lecture at the University of Oulu, Finland
- 2022 & 2024- Within Erasmus faculty mobility program, guest lecture at the Silesian University of Technology, Gliwice, Poland

Professional association

- 2019-Present: Delegate from Hungary on behalf of the Hungarian Welding Association (MAHEG) for Commission C-IV, Power Beam Processes, International Institute of Welding (IIW), an international scientific and engineering body for welding, brazing and related technologies.
- Member of Hungarian Welding Society (MAHEG).
- 2021: Participated in Young Leader's Forum, think.BDPST event organised by Antall József Knowledge Centre in cooperation with the Ministry of Foreign Affairs and Trade of Hungary and supported by the International Visegrad Fund.
- 2021-2022: DOSZ (Association of Hungarian PhD and DLA candidates) Ambassador - Representing Indian PhD researcher in Hungary.
- 2017-2021: Worked as International Alumni Volunteer, Hungary, under the framework of Campus Mundi Program coordinated by the Tempus Public Foundation, Hungary.
- 2020: Worked as the First Chairperson of International Alumni Board, University of Miskolc, Hungary.

Honours and awards

- 2025: Received "Outstanding researcher of the University of Miskolc award" for research work and outstanding publications activity by the Rector of the University of Miskolc.
- 2022: Received "Dean's Commendation award" for the Excellent researcher by the Council of the Faculty of Mechanical Engineering and Informatics, University of Miskolc.
- Received Master's and PhD Scholarship under STIPENDIUM HUNGARICUM SCHOLARSHIP PROGRAM provided by the Ministry of Human Resources of Hungary.

Organisational skills:

- Independent research management, Strong leadership qualities, International collaboration, Event and workshop organisation.

Computer & Technical skills:

- Software proficiency (NX Siemens, AutoCAD, Microsoft Visio, Minitab, SYSWELD) & Welding expertise.

Communication skills:

- Networking and relationship building, Self-management and punctuality, Flexibility and adaptability.

Language skills:

Hindi- Mother tongue; English- 2nd speaking language, C2 level; Hungarian, A1 level; Bhojpuri- Regional language

Projects involved:

Participation in national and international projects

- 2024: Erasmus+ project 101143944- COVE-WENDT, Training and Learning of the "Transition to a green welding industry".
- 2022: Digital Training for European Welding Inspector (D-EWI), Short-term joint staff training (C 1) on "Developing the skills of VET trainers in implementing and

using of the digital e-learning tools", 4th- 6th July 2022, Erasmus+ Programme - Cooperation Partnerships, Project No.: 2021-I-ROO I-KA220-VET-000028 I75. University of Miskolc, Hungary

- H2020-NMP-08-2016, LoCoMaTech project (Low-Cost Materials Processing Technologies for Mass Production of Lightweight Vehicles).
- 2018: RMWF Erasmus+ KA2 project (development of a European guideline and educational materials for risk management in welding fabrication)
- 2022: Thematic Excellence Program (TKP) 2020
- 2020: EFOP-3.6.1-16-2016-00011
- 2018- 2019: Matra Metal Project (GINOP-2.2.1-15-2017-00035)

Participation in industrial research

- 2024-present: Nippon Steel, Japan, "Specialized hydrogen transport pipeline steel" Weldability and Embrittlement study.
- 2024-25: FLUMEN project: Development enabling the mixing of hydrogen in the natural gas transmission system. Phase II
- 2023-24: FLUMEN project: Development enabling the mixing of hydrogen in the natural gas transmission system. Phase II
- 2019-20: Development of welding technology (FGSZ ZRt. A natural gas transmission company, MOL group)- Physical simulation of pipeline steels
- 2019: Hungarian State Excellence Program, (NKFIH-846-8:2019)
- 2021: Higher Education Institutional Excellence Program (FIKP3)

Publications

1. Raghawendra Sisodia, Koncz-Horváth Dániel, Sliwinski Piotr, Weglowski Marek St."**Influence of PWHT on S960QL high strength structural steel electron beam welded joint**", Metals 2024, 14(12), 1393; https://doi.org/10.3390/met14121393.
2. Sisodia Raghawendra P.S., Gigli Lara, Plaisier Jasper, Mertinger Valéria, Weglowski Marek St., Sliwinski Piotr, **"Synchrotron diffraction residual stresses studies of electron beam welded high strength structural steels"**, JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY 30: pp. 6291-6300., 2024. https://doi.org/10.1016/j.jmrt.2024.04.240.
3. Sisodia Raghawendra P. S., Gáspár Marcell, Ghosh Sumit, Hodúlová Erika, **"Investigation of the effects of beam oscillations in electron beam–welded S1100M TMCP steel"**, WELDING IN THE WORLD 2024: pp. 1-13., 2024. https://doi.org/10.1007/s40194-024-01765-x.
4. Sisodia, R.P.S., Gáspár, M. & Lukács, J. **"Comparison of fatigue crack growth design curves on GMAW and EBW joints of high strength steels"**, WELDING IN THE WORLD, Volume 68, pages 2167–2185, 2024. https://doi.org/10.1007/s40194-024-01787-5.
5. Raghawendra Sisodia, Marek Weglowski, Piotr Sliwinski, **"In situ localised post-weld heat treatment with electron beam welding of S690QL steel"**, JOURNAL OF ADVANCED JOINING PROCESSES, Vol.9, 2024. https://doi.org/10.1016/j.jajp.2023.100182.
6. Raghawendra Sisodia, Marcell Gáspár, **"Dataset on instrumented Charpy V-notch impact tests of different zones of electron beam welded S960M steel"**, Data in Brief, Vol. 47, 2023. https://doi.org/10.1016/j.dib.2023.108949.
7. R P S Sisodia et al., **"Effect of beam oscillation and focusing on the electron beam welded 1100M high strength structural steel joint",** J. Phys.: Conf. Ser. 2443 012008, 2023. https://doi.org/10.1088/1742-6596/2443/1/012008.
8. Raghawendra Sisodia, Marcell Gáspár, **"The Influence of Filler Material on Microstructural and Mechanical Properties of Diode Laser Welded DP1000"**, IIW2022 International Conference, 17th – 22nd July 2022, Tokyo, Japan.
9. Raghawendra Sisodia, Marcell Gáspár, J. Lukács, **"Comparison of fatigue crack growth design curves on GMAW and EBW joints of high strength steels"**, IIW2022 Annual Assembly meeting, C-XIII Fatigue of welded components and structures, Doc-XIII-2941-2022, 17th – 21st July 2022, Tokyo, Japan

10. Marcell Gáspár, Raghawendra Sisodia, **"The effect of $t_{8/5}$ cooling time on HAZ properties of different pipeline steel grades"**, IIW2022 Annual Assembly meeting, C-IX Behavior of Metals Subjected to Welding, Doc-IX-L-1263-2022, 20th – 21st July 2022, Tokyo, Japan.
11. Raghawendra P.S. Sisodia and Marcell Gáspár **"Effect of Post Weld Heat Treatment on diode Laser-Welded DP1000 Steel with matching filler material"** Doc.I-1488-2022 / IV- 1493 -2022 /XII-2505-2022, Joint Intermediate Meeting of IIW Comm. I, IV and XII, March 21- 22, 2022.
12. Marcell Gáspár, Raghawendra Sisodia, **"Physical simulation based HAZ characterization of different pipeline steel grades"**, IIW2022 International Conference, 17th – 22nd July 2022, Tokyo, Japan.
13. Raghawendra P.S. Sisodia, and Marcell Gáspár: **An Approach to Assessing S960QL Steel Welded Joints Using EBW and GMAW,** Metals 12, no. 4: 678. https://doi.org/10.3390/met12040678,
14. Raghawendra P.S. Sisodia, and Marcell Gáspár: **Experimental assessment of microstructure and mechanical properties of electron beam welded S960M high strength structural steel**, Manufacturing Letters, Vol. 29, pp. 108-112, 2021, https://doi.org/10.1016/j.mfglet.2021.05.004.
15. Raghawendra P.S. Sisodia, Marcell Gáspár, Máté Sepsi &Valeria Mertinger, **"Comparative evaluation of residual stresses in vacuum electron beam welded high strength steel S960QL and S960 M butt joints"** Vacuum, vol. 184, https://doi.org/10.1016/j.vacuum.2020.109931.
16. Sisodia, R.P., Gáspár, M. & Draskóczi, L. **"Effect of post-weld heat treatment on microstructure and mechanical properties of DP800 and DP1200 high-strength steel butt-welded joints using diode laser beam welding."** *Weld World* (2020), Vol. 64, pp. pages671–681. https://doi.org/10.1007/s40194-020-00867-6.
17. R.P.S. Sisodia, M. Gáspár**: Investigation of Metallurgical and Mechanical Properties of Laser Beam Welded and Post-weld Heat Treated DP1400 Steel**, Journal of Materials Engineering and Performance. (2021), Vol.30, pp. 1703–1710. https://doi.org/10.1007/s11665-021-05469-x.
18. Sisodia, R.P.S., Gáspár, M. **"Physical Simulation-Based Characterization of HAZ Properties in Steels. Part 1. High-Strength Steels and Their Hardness Profiling."** *Strength Mater* **51,** 490–499 (2019). https://doi.org/10.1007/s11223-019-00094-5., Q3, IF=0.592
19. Gáspár, M., Sisodia, R.P.S. & Dobosy, A. **"Physical Simulation-Based Characterization of HAZ Properties in Steels. Part 2. Dual-Phase Steels."** *Strength Mater* **51,** 805–815 (2019). https://doi.org/10.1007/s11223-019-00128-y., Q3, IF=0.592
20. Raghawendra P.S. Sisodia, Marcell Gáspár, Máté Sepsi, Valéria Mertinger, "**Dataset on full width at half maximum of residual stress measurement of electron beam welded high strength structural steels (S960QL and S960M) by X-ray diffraction method"**, Data in Brief, 2021, Vol 38, https://doi.org/10.1016/j.dib.2021.107341. Q4
21. Sisodia, R. P. S., Gáspár, M., Fodor, B., & Draskóczi, L. (2020). **"Simulation and Experimental Based Analysis of the Laser Beam Welding of DP Steels."** Advanced Materials Research, 1157, 73–82. https://doi.org/10.4028/www.scientific.net/amr.1157.73. Q4
22. Marcell Gáspár, Raghawendra P. S. Sisodia, **"Challenges and Possibilities In The Welding Of Advanced High Strength Steels"**, 3rd Biennial International Conference on Future Learning Aspects of Mechanical Engineering (FLAME -2022), Noida, India.
23. Gáspár, M., Gyura, L., Sisodia, R.P.S. (2023). **The Effect of Multiple Flame Straightening on High-Strength Steels Applied in Vehicle Industry**. In: Jármai, K., Cservenák, Á. (eds) Vehicle and Automotive Engineering 4. VAE 2022. Lecture Notes in Mechanical Engineering. Springer, Cham. https://doi.org/10.1007/978-3-031-15211-5_74
24. M Gáspár and R. Sisodia, **"Improving the HAZ toughness of Q+T high strength steels by post weld heat treatment",** 11th Hungarian Conference on Materials Science,IOP Conf. Series: Materials Science and Engineering 426 (2018) 012012, https://doi.org/10.1088/1757-899X/426/1/012012
25. R. P. S. Sisodia & M. Gáspár **"Innovative and efficient production of welded body parts from 6082-T6 aluminium alloy"** Proceedings of the 1st International Conference on Engineering Solutions for Sustainable Development (ICESSD), 3-4 October 2019, Miskolc, Hungary. Solutions for Sustainable Development – Szita, Jármai & Voith (eds.), © 2020 Taylor & Francis Group, London, ISBN 978-0-367-42425-1, https://doi.org/10.1201/9780367824037-41
26. Raghawendra P.S. Sisodia[1], Marcell Gáspár[2], Noureddine Guellouh[3], **"HAZ characterization of automotive DP steels by physical simulation",** International Journal of Engineering and Management Sciences (IJEMS) Vol. 4. (2019). No. 1, page 478-487, https://doi.org/10.21791/IJEMS.2019.1.59.
27. Raghawendra P.S. Sisodia and Marcell Gáspár **"Electron beam welding of S960QL high strength steel - Microstructural evolution & Mechanical properties" Doc.IV-1460-20,** IIW Annual assembly online meeting, C-IV commission "Power Beam Processes", 15th July 2020.
28. Raghawendra P.S. Sisodia & Marcell Gáspár, **"Investigation of electron beam welding of AHSS by physical and numerical simulation"** MultiScience-XXXIII. microCAD International Multidisciplinary Scientific Conference, Miskolc, Hungary 23-24 May 2019, https://doi.org/10.26649/musci.2019.051

29. Raghawendra P.S. Sisodia, Judit Kovács, **"Comparative HAZ softening analysis of three different automotive aluminium alloys by physical simulation"**, IIW Conference, 7-12 July 2019, Bratislava, Slovakia.
30. Marcell Gáspár[a], Raghawendra Sisodia[b], Judit Kovács[c], Gréta Németh[d] **"New possibilities for compensating the HAZ softening of the 7075-T6 aluminium alloy", IIW Conference**, 7-12 July 2019, **Bratislava, Slovakia**.
31. Gáspár, M., R. P. S. Sisodia: "**Weldability analysis of Q+T and TMCP high strength steels by physical simulation**", Pages B166-B170, 70th IIW Annual Assembly and International Conference, Shanghai, China, June 29-30, 2017.
32. Sisodia, Pratap Singh, Raghawendra, Berrah, Nora, 2016 "**Analysing HAZ softening of quenched and tempered steel by physical simulation",** (7-8 April 2016), Inter Talent UNIDEB Conference, University of Debrecen, Hungary.
33. Raghawendra P.S. Sisodia[1], Marcell Gáspár[2], Walid Gacem[3], "**Investigation of HAZ softening of AA6082-T6 automotive aluminium alloy by physical simulation**" MultiScience-XXXII. microCAD International Multidisciplinary Scientific Conference, Miskolc, Hungary 5-6 September 2018, ISBN: 978-963-358-162-9.
34. Noureddine Guellouh[1], Raghawendra P. S. Sisodia[2], Zoltàn Szamosi[3] "**The weldability of high strength steels**" MultiScience-XXXII. microCAD International Multidisciplinary Scientific Conference, Miskolc, Hungary 5-6 September 2018, ISBN: 978-963-358-162-9.
35. M. Gáspár, R.P.S. Sisodia, I. Timcsák: **Összehasonlító elemzés az elektronsugaras és a huzalelektródás védőgázos ívhegesztés alkalmazásáról nemesített nagyszilárdságú acéloknál/Comparative study about the electron beam and gas metal arc welding of quenched and tempered high strength steels**, Proceedings of the XXX. Jubilee International Welding Conference, pp. 53-58, 2021. ISBN 9786156260000
36. R.P.S. Sisodia, M. Gáspár: **Nagyszilárdságú acélok elektronsugaras hegesztett kötéseinek fáradásos repedés terjedéssel szembeni ellenállása/Fatigue crack growth resistance of electron beam welded joints from high strength steels,** Multidiszciplináris tudományok, Vol. 11 (4), pp. 318-325, 2021. https://doi.org/10.35925/j.multi.2021.4.36.
37. Gáspár Marcell, Raghawendra P. S. Sisodia, Dobosy Ádám, Németh Alexandra **"Csőtávvezetékekben alkalmazott acélminőségek hegesztésekor kialakuló hőhatásövezet tulajdonságainak elemzése fizikai szimulációval" /"Analysis of heat zone properties during welding of steel grades used in pipelines by physical simulation"**, Hegesztés Technika, Tudományos Publikációk, XXXI évfolyam 2020/1 pp. 83-91.
38. Kovács, Judit; Raghawendra, P. S. Sisodia; Gáspár, Marcell, **"Hőhatásövezeti zónák fizikai szimulációja nagyszilárdságú szerkezeti acélok esetén"/, "Physical simulation of heat affected zones in the case of high-strength structural steels"** Multidiszciplináris tudományok: A Miskolci Egyetem, Közleménye 9 : 4 pp. 152-166. , 15 p. (2019), https://doi.org/10.35925/j.multi.2019.4.13.
39. Kovács Judit[1], Németh Gréta[2], Raghawendra Sisodia[3], Gáspár Marcell[4], Jámbor Péter[5] **"Hőhatásövezeti tulajdonságok fizikai szimulációra alapozott vizsgálata 7075-t6 autóipari alumíniumötvözet esetén"/ "Investigation of heat affected zone properties based on physical simulation for 7075-t6 automotive aluminum alloy"** Hegesztes Technika, XXX. Evfolyam, 2019.1. szam, pp.47-52.
40. Németh Gréta", Kovács Judit', Raghawendra Sisodia', Gáspár Marce1l4, Jámbor Péter' **"Hőhatásövezeti tulajdonságok fizikai szimulációra alapozott vizsgálata különböző szilárdságú autó ipari alumínium ötvözetek esetén"/ "Characterestics of heat affected zone of different aluminium alloys having different stress conditions and used in the car industry and for testing a special physical simulation was used"** Hegesztestechnika, XXX. Evfolyam, 2019.2. szam, pp. 41-48.
41. M. Gáspár, A. Balogh, G. Bodorkós, Á. Dobosy, A. Németh, R.P.S. Sisodia, I. Török: **Kutatási eredmények a nagyszilárdságú acélok és alumíniumötvözetek hegesztése területén/Research results in the welding of high strength steels and aluminium alloys**, GÉP, Vol. 71 (5-6), pp. 59-66, 2020.
42. V. Gál, M. Gáspár, J. Kovács, Z. Lukács, R. Sisodia: **Anyagtechnológiai kutatások az Innovatív Anyagtechnológiák Tudományos Műhelyben/Research on materials technologies within the Innovative Materials Technologies,** Scientific Workshop, Multidiszciplinsáris tudományok, Vol. 11. (2), pp. 80-86. 2021. https://doi.org/10.35925/j.multi.2021.2.11.
43. Draskóczi, László; Gáspár, Marcell; Molnár, András; Raghawendra, Sisodia **"Dióda lézerek alkalmazási lehetőségei a vékonylemezek hegesztésében és a termikus szórásban"** (2021) Nagy Energiasűrűségű Kötéstechnológia Ankét, Magyar Hegesztési Egyesület, Óbudai Egyetem, 2021. február 25.
44. Gáspár Marcell, Raghawendra P. S. Sisodia, **"Nagyszilárdságú Acél Finomlemezek Hegesztése És Utóhőkezelése Diódalézerek Alkalmazásával"**, Hegesztes Technika, Evfolyam, 2022.

Conferences attended

1. Raghawendra P. S. Sisodia, Marcell Gáspár, Ferenc Hareancz, Gergely Juhász, Ferenc Tajti, **"Investigations of welded joint properties of 1200M steel by laser beam welding"**, Paper No. OP-405. Proc. of the 77th IIW Annual Assembly and Intl. Conf. on Welding and Joining (IIW 2024), 07–12 July 2024, Rhodes. Greece.
2. Raghawendra P. S. Sisodia, Marcell Gáspár, Ferenc Hareancz, Gergely Juhász, **"Effect of beam oscillation on weld characteristics of laser welded 1400M steel"**, ISBN: 978-981-18-7859-6., pp. 477-485. Proc. of the 76th IIW Annual Assembly and Intl. Conf. on Welding and Joining (IIW 2023), 16–21 July 2023, Singapore. Edited by Zhou Wei and John Pang.
3. Raghawendra P.S. Sisodia, Marcell Gáspár, Sumit Ghosh, Erika Hodúlová, **"Effect of dynamic beam oscillation behavior on microstructural and mechanical properties of the electron beam welded S1100M high strength structural steel"** Doc. IV-1568-2023, IIW Annual Assembly Meeting, Commission IV "Power Beam Processes", 17- 19 July 2023, Singapore.
4. Marcell Gáspár, László Gyura and Raghawendra P. S. Sisodia, **"The effect of multiple flame straightening on high-strength steels applied in vehicle industry"**, 4th International Conference on Vehicle and Automotive Engineering, 8-9th September 2022, Miskolc, Hungary.
5. Raghawendra Sisodia, Erika Hodúlová, Marcell Gáspár, **"Influence of PWHT on S960QL high strength structural steel electron beam welded joint"**, IIW2022 Annual Assembly meeting, C-IV Power Beam Process, Doc-IV-1514-2022, 20th – 21nd July 2022, Tokyo, Japan.
6. Raghawendra Sisodia, Marcell Gáspár, **"The Influence Of Filler Material On Microstructural And Mechanical Properties Of Diode Laser Welded DP1000"**, IIW2022 International Conference, 17th – 22nd July 2022, Tokyo, Japan.
7. R P S Sisodia, M Gáspár and E Hodúlová, **"Effect of beam oscillation and focusing on the electron beam welded 1100M high strength structural steel joint"**, The 14th International Conference on Electron Beam Technologies, EBT 2022, 26 June 1 July 2022, Varna, Bulgaria.
8. Raghawendra P.S. Sisodia and Marcell Gáspár "Gáspár Marcell, Raghawendra P. S. Sisodia, **Draskóczzi László: Autóipari DP acél finomlemezek lézersugaras hegesztése és utókezelése**", XXXI. Nemzetközi Hegesztési Konferencia, Kecskemét, 2022. május 19-21.
9. Raghawendra P.S. Sisodia and Marcell Gáspár "**Effect of Post Weld Heat Treatment on diode Laser Welded DP1000 Steel with matching filler material**" Doc.I-1488-2022 / IV- 1493 -2022 /XII-2505-2022, Joint Intermediate Meeting of IIW Comm. I, IV and XII, March 21- 22, 2022.
10. Raghawendra P.S. Sisodia and Marcell Gáspár "**Electron beam welding of S960QL high strength steel - Microstructural evolution & Mechanical properties**" Doc.IV-1460-20, IIW Annual assembly online meeting, C-IV commission-Power Beam Process, 15th July 2020.
11. Raghawendra P.S. Sisodia, Marcell Gáspár, László Draskóczi "**Effect of post-weld heat treatment on microstructure and mechanical properties of DP800 & DP1200 high strength steel butt welded joints using diode laser beam welding**" Commission IV, Doc.IV-1443-19, IIW Conference, 7-12 July 2019, Bratislava, Slovakia.
12. Raghawendra P. S. Sisodia, Judit Kovács, "**Comparative HAZ softening analysis of three different automotive aluminium alloys by physical simulation**", IIW Conference, 7-12 July 2019, Bratislava, Slovakia.
13. Raghawendra P.S. Sisodia, Marcell Gáspár, Walid Gacem, "**Investigation of HAZ softening of AA6082-T6 automotive aluminium alloy by physical simulation**" MultiScience-XXXII. microCAD International Multidisciplinary Scientific Conference, Miskolc, Hungary 5-6 September 2018.
14. Sisodia R.P.S., Gáspár M., Lukács J. "**Analysing the EB welding of high strength steels by Numerical and physical simulation**", 29th International welding conference, 24-26th May 2018, Miskolc, Hungary
15. Raghawendra P.S. Sisodia, Marcell Gáspár, Noureddine Guellouh, "**HAZ characterization of automotive DP steels by physical simulation**", 6th-ISCAME, Faculty of Engineering, University of Debrecen, Debrecen, Hungary 11-12 October 2018.
16. Participated in the Intermediate Meeting of the IIW Commission for Resistance Welding,Solid State Welding and Allied Processes(C-III),6-7th February 2017.
17. Attended Welding session of the VAE conference at University of Miskolc, Hungary,17th -18th November 2016.
18. Sisodia, Pratap Singh, Raghawendra, Berrah, Nora, 2016 "**Analysing HAZ softening of quenched and tempered steel by physical simulation**" (7-8 April 2016), Inter Talent UNIDEB Conference, University of Debrecen, Hungary