

List of Publications (from the Present Work)

Paper published in peer reviewed journals

1. **Verma, Deepa**, Mukhopadhyay, N.K., Sastry, G.V.S. and Manna,R. (2016). Ultra-High-Strength Interstitial-Free Steel Processed by Equal-Channel Angular Pressing at Large Equivalent Strain, *Metall. Mater. Trans A*, 47A, 1803-1817.
2. **Verma, Deepa**, Shekhawat,, Satish Kumar, Mukhopadhyay, N.K., Sastry, G.V.S. and Manna,R. (2016). Development of texture in interstitial-free steel processed by equal-channel angular pressing, *J. Mater.Eng. and Performance*, 25(3), 820-830.
3. **Verma, Deepa**, Mukhopadhyay, N.K., Sastry, G.V.S. and Manna,R. (2016). Studies on Ultrafine-Grained Interstitial-Free Steel Processed by Equal-Channel Angular Pressing Followed by Cryorolling and Flash Annealing, **accepted** in *Transactions of the Indian Institute of Metals*.
4. **Verma, Deepa**, Bansal, Anushka , Pandey, Shobhit A., Mukhopadhyay, N.K. Sastry, G.V.S. and Manna, R (2016), Development of Bulk Ultrafine-Grained Interstitial Free Steel By Equal-Channel Angular Pressing Followed by Flash Annealing, **submitted** in *Journal of Materials Engineering and Performance*.

Conference Proceedings

1. **Verma, Deepa**, Sastry, G.V.S., and Manna,R, (2012)., Ultra high strength Interstitial-Free Steel through equal channel angular pressing followed by cryorolling and flash annealing, *Proc. in Intl. Conf. on Rolling and Finishing Technology of Steel, (RAFTS-2012) October 4-6, 2012, Ispat Bhawan, Ranchi, India p1-10*

2. Sharma, Nitin Kumar, Fonia, Sandeep, Buddhiraju, Santhoshi Sushma, **Verma Deepa**, Mandal, R. K. Sastry, G.V. S. and Manna, R., (2012), Development of Ultrafine-grained Interstitial-free Steels produced by Cryorolling followed by Flash Annealing, Proc. in Intl. Conf. on Rolling and Finishing Technology of Steel, (RAFTS-2012) October 4-6, 2012, Ispat Bhawan, Ranchi, India p1-10

International/National Conferences Attended

Conference presentations

1. **Verma, Deepa**, Sastry, G.V.S. and Manna, R., Microstructure and Mechanical Properties of Ultra Fine Grained Interstitial Free Steel Processed by Equal Channel Angular Pressing Followed by Cryo-rolling, 49th NMD and 67th ATM of IIM, Hyderabad, India, Nov. 15-16 2011.
2. **Verma, Deepa**, Sastry, G.V.S. and Manna, R., Effect of Cryo Rolling on Equal Channel Angular Pressing of Interstitial Free Steel, DMAT, IT-BHU, Varanasi, Jan. 23-24, 2012.
3. **Verma, Deepa**, Sastry, G.V.S. and Manna,R, Effect of cryorolling followed by flash annealing on ultrafine-grained interstitial-free steel produced by equal channel angular Pressing and subsequent cryo-rolling, 49th NMD and 67th ATM of IIM, Jamshedpur, India, Nov. 18-19, 2012.
4. **Verma, Deepa**, Sastry, G.V.S. and Manna,R,, Ultra high strength Interstitial Free Steel through Equal Channel Angular Pressing followed by Cryo Rolling, 16th International Conference on strength of materials, Bangalore, India, Aug. 19-24,2012.
5. **Verma, Deepa**, Singh, Jaiveer, Sastry, G.V.S. and Manna,R, Microstructural Refinement of interstitial-free Steel at Large Plastic Strain by Equal-Channel Angular Pressing, NANOSPD6, Metz, France, June 30 - July 4, 2014.

6. **Verma, Deepa**, Mukhopadhyay, N.K., Sastry, G.V.S. and Manna,R., Microstructural characterization and mechanical properties of cryorolled IF steel after ECAP, EMSI-2015, IIT (Bombay), July 8-10, 2015.

7. **Verma, Deepa**, Mukhopadhyay, N.K., Sastry, G.V.S. and Manna,R., Ultrafine-grained Interstitial-Free Steel by Equal-Channel Angular Pressing, Institute day, IIT(BHU), Feb. 26-27, 2015.