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1. **A. Singh**, P.K. Bijalwan, A. Banerjee, M. Dutta, R.K. Mandal, J. Basu, “Structures, interfaces and thermodynamic stability of nanocrystalline phases in Fe-amorphous nanocomposite ribbon, powder and coating”, **Materials Characterization** 186(2022), 111815.
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List of conference presentations

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1. **Ankit Singh**, Sandip Bysakh, Joysurya Basu, R.K. Mandal, “Microstructural evolution, growth and interface structure in multilayered Au/Cu thin Films”, 12th Asia-Pacific Microscopy Conference, 3-7 February 2020, Hyderabad, India.
2. **Ankit Singh**, Pavan Kumar Bijalwan, Atanu Banerjee, Monojit Dutta, Joysurya Basu, R.K. Mandal, “Phase evolution, microstructure and interfaces in Fe-based bulk amorphous alloy coatings on steel”, International Microscopy Congress (IMC-19), 9-14 September 2018, Sydney, Australia.
3. **Ankit Singh**, Joysurya Basu, R.K. Mandal, “Electron Microscopy of Compositionally Graded LiNiO₂-LiMnO_x Thin Film on (111) NbSrTiO₃”, International conference on Microscopy and XXXIX Electron Microscopy Society of India annual meeting of EMSI 2018, Bhubaneswar, India.
4. **Ankit Singh**, B. Viswanath, Joysurya Basu, R.K. Mandal, “Observation of contrast across the interfaces present in multilayers of Au and Cu thermally evaporated on polycrystalline Si substrate”, Proceedings of the 74th annual meeting of the Japanese society of microscopy, vol. 53, supplement 1, JSM 2018, Kurume, Japan.
5. **Ankit Singh**, Pavan Kumar Bijalwan, Atanu Banerjee, Monojit Dutta, Joysurya Basu, R.K. Mandal, “Alloy design and electron microscopy characterization of Fe-based bulk amorphous alloy coating on steel”, International conference on electron microscopy and allied techniques and XXXVIII annual meeting of the electron microscope society of India, EMSI 2017, Chennai, India