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Workshop on Wavelet Analysis and Applications

A workshop on wavelet analysis and applications was organised at Institute of Physics from February 7 through February 11, 2004. The workshop was jointly orgainsed by Inst. of Math. and Application and Inst. of Physics. The speakers (with topics) were: H. P. Dixit, IGNOU, Delhi (Wavelets and Splines), C. S. Shastry, Central Univ. Hyderabad, (Biorthogonal Wavelets), B. Behera, ISI, Kolkata, (Wavelet Fractals), D.P.Patel, Gujarat University, (Wavelet Applications to Boundary Value Problems), M. Kundu, ISI, Kolkata (Wavelets Applications to Image Processing), L. Radha, IIT, Chennai, (Wavelets and Spectral Analysis), Rathish Kumar, IIT, Kanpur, ( ), R.S.Pathak, BHU, (Wavelets Transforms), S. Pattanayak, IMAA, Bhubaneswar, (Fourier Transforms And Distributions), P.C.Das, IMAA, Bhubaneswar, (Multiwavelets), D.P.Mahapatra, IoP, Bhubaneswar, (Applications of Wavelets to Charge-Neutral Fluctuations)

in general and bio-based systems.A local half a day tour was organized for the participants to visit the Sun temple and Institute of Physics. A panel discussion was held on April 8 where the participants have suggested to continue such conferences in future. It was emphasized that the bio-based nano-systems should be pursueded further and all the nano-science activuty should be indudtry linked. The workshop ended with a vote of thanks from the local convenor.