

trum of Josephson junctions shunted by a resistance with a self-inductance. In a still unpublished experiment, J. Clarke and R.F. Miracky found the excess noise falling off as ω^{-2} . The result can be explained by intermittent diffusion as treated above.

REFERENCES

1. Kadanoff L.P., *Phys. Today* **36** (1983) 12, 46; Ford J., *Phys. Today* **36** (1983) 4, 40.
2. Geisel T. and Nierwetberg J. *Phys. Rev. Lett.* **48** (1982) 7; Geisel T. and Nierwetberg J., in *Dynamical Systems and Chaos*, ed. L. Garrido, Lecture Notes in Physics **179** (Springer, Berlin) 1983, p. 93.
3. Huberman B.A., Crutchfield J.P. and Packard N.H., *Appl. Phys. Lett.* **37** (1980) 750; A. Reithmayer, diploma thesis, Universität Regensburg, 1981.
4. Hofstadter D.R., *Scient. Amer.* **245** (1981) 11, 16.
5. Fujisaka H. and Grossmann S., *Z. Phys.* **B48** (1982) 261; Schell M., Fraser S. and Kapral R., *Phys. Rev.* **A26** (1982) 504.
6. Geisel T. and Nierwetberg J., *Phys. Rev.* **A29** (1984) 2305; Geisel T. and Thomae S., in press.

Farewell to P.L. Kapitza



EPS is sad to have lost one of its Honorary Members. Peter L. Kapitza died early in April at the age of 85. Awarded the Nobel Prize in physics in 1978 (Europhysics News, 10 (1979) 5, p. 5) he is seen here at the close of the traditional Lindau gathering in July 1982. In his message of condolence to the USSR Academy of Sciences, the President of EPS wrote: "although we say farewell to a great man, his work as a scientist lives on for ever".

(Photo: W.S. Newman)

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