

Institut Ruđer Bošković  
ZAVOD ZA TEORIJSKU FIZIKU  
Bijenička c. 54  
ZAGREB, HRVATSKA

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SEMINAR ZAVODA ZA TEORIJSKU FIZIKU  
(Zajednički seminari Zavoda za teorijsku fiziku,  
Zavoda za eksperimentalnu fiziku i Zavoda za teorijsku fiziku PMF-a)

## Statistics of Resonances in Open Disordered Systems

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*Datum: srijeda, 14. listopada 2009.*  
*Vrijeme : 14:00 sati c.t.*  
*Mjesto: IRB, seminar Zavoda za teorijsku fiziku*

### Sažetak:

The statistics of resonances in disordered systems of non-interacting electrons which are coupled to the environment by perfect leads is studied using quantum-field-theoretic methods. In particular, the joint probability density of resonance energies and widths is computed for a system with Gaussian white noise disorder. The relation of this quantity to Anderson Localization is discussed. (This will be a blackboard talk.)

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