

## Conference report: 2nd Saxon Symposium on Inverse Problems

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**General** — This 2nd Saxon Symposium on Inverse Problems – Mathematical Methods and Applications – was held in **Oybin, Germany, September 24 – 26, 1997**. The organizing committee for this Symposium series consists of B. Hofmann (Chemnitz), U. Tautenhahn (Zittau) and L.v. Wolfersdorf (Freiberg). We intend to organize the 3rd Saxon Symposium on Inverse Problems in September 1999 at the TU Mining Academy in Freiberg.

### 1. THE SYMPOSIUM

This symposium was the second in a series of inverse problem meetings at different places in Saxony (Sachsen) continuing the first symposium, which was held in Chemnitz in March 1995. The local organization for this 2nd symposium was done by U. Tautenhahn, Zittau. The topics which were discussed in the conference hotel 'Oybiner Hof' in Oybin, Germany, have included analytical, numerical and experimental aspects of inverse problems:

- basic theory of inverse problems,
- applications in geophysics, engineering, medicine and other sciences,
- regularization methods for ill-posed inverse problems,
- numerical approaches and computer implementations.

The symposium was held in a very nice environment. Oybin is a fascinating destination in the south-east of Saxony, located in the Zittau mountains. This small village with a remarkable history is one of the most interesting old residences in the Oberlausitz region near the borders to Czech Republic and Poland. Accommodation, sessions and meals were located at the same place, and parallel sessions were avoided. This was a good basis for

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