

## 16 Electronics Workshop

W. Fässler, H.P. Meyer, P. Soland, K. Szeke

The electronics workshop was occupied with repair and service work for various research groups at the institute and at some other institutes of our university. In addition we like to mention the following two major activities:

- NMR spectrometer (Group Keller and Prof. emeritus D. Brinkmann): In collaboration with the National Institute for Research and Development of Isotopic and Molecular Technologies (NRDIIMT, 65-103 Donath St., 3400 Cluj-Napoca, Romania) an NMR spectrometer is developed within the framework of the SNF-scope 2000-2003 program (project Nr. 7 IP 062580). We assist in the design work and construction of the high frequency electronics.
- H1 CIP upgrade project (Group Straumann, Truöl, see Sec.6): we manufactured a test board for the readout chip, several interface cards and a low voltage power supply.

Figure 16.1:

- a) testboard for the CIPix readout chip*  
*b) enlarged view of the testboard with the wire bonded CIPix readout chip in the center*  
*c) low voltage power supply*  
*d) STC fanout card*  
*e) SCSI converter card*

