

**LNLS Control System, P.F. TAVARES,
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Brazil** - The control system of the LNLS Synchrotron
Light Source facility is presented. The system is
composed of a number of local controllers based on the
Zilog Z80 CPU, which are connected through a 2
MBbs serial line (running an in-house developed
communication protocol) to concentrators which
provide the interface to microcomputers that are
responsible for the high level user interface. The high
level software is developed using objected-oriented
techniques and visual design tools, whereas the low
level software is mostly assembly language.