

Liu Lin is a senior physicist at the Brazilian Synchrotron Light Laboratory (LNLS) and Head of the LNLS Accelerator Physics Group. She was born in China and immigrated to Brazil at the age of 3, so her education was fully rooted in Brazil. She received her PhD degree in Physics from the University of São Paulo (USP) and joined the Brazilian project for the construction of the first light source in Latin America in 1985. This project was designed and mostly (over 80%) built in house, so she received a large amount of hands-on training in accelerator physics and engineering.

Today she is working on the design and construction of a new synchrotron light source at LNLS, the Sirius project, a very challenging fourth generation low emittance source. Her interests are broad, covering particle beam dynamics studies, lattice design, beam stabilization systems, development of accelerator subsystems as well as their integration and commissioning.

She is a mother of two sons, one who became a mathematician and the other a physicist.