

Higher Brilliance at the ESRF, J.M. LEFEBVRE,
ESRF - The ESRF is the first of the 3rd generation synchrotron radiation light sources. The target specifications were met almost immediately. Since having reached these targets a series of improvements in the stored beam emittance, coupling, current and the quality of the insertion devices have dramatically enhanced the performance. A gain of a factor 100 in brilliance has been achieved and a significantly wider photon energy has been made available.