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Women scientists in the early italian synchrotron radiation research

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Women scientists gave relevant contributions in the Italian synchrotron radiation research, since the early days. The first European synchrotron radiation experiment was performed at the 1 GeV Frascati electro-synchrotron in 1963 by an international collaboration directed by Yvette Cauchois [1]. Marta Cremonese, director of the X-ray laboratory of ISS, directed the synchrotron radiation group "Sanità Luce" [2] in 1967-1969 and Cucolo of Naples University, was the first student at the group "Solidi Roma" in Frascati. The number of women scientists in synchrotron radiation research was growing during the second half of the seventies and many contributed to key experiments [3-6] of the 'PULS' project, (1975-1987) during the gold era of Frascati synchrotron research when Frascati rose to the level of a world leader of X-ray spectroscopy using the 1.5 GeV Adone storage ring.

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