**LUC VINET**, CRM, Université de Montréal Sklyanin algebras and orthogonal polynomials

It will be shown how algebras of Sklyanin type can be obtained from special Heun operators on various grids. Some examples will be treated. The orthogonal polynomials providing bases for representations of these algebras will be identified. Finite-dimensional representations obtained from truncations will be seen to yield interpretations of so-called para-polynomials.