

Surname: Polarski
First name: David

Academic Degrees

- Drs. Theoretical Physics (Leiden University, The Netherlands, 1981)
- Ph.D. (Tel-Aviv University, Israel, 1988)

Academic positions

1989-1990: Teaching Assistant, University Paris VI
Oct. 1990: DARC, Obs. de Meudon, MRT Postdoctoral Fellowship
Oct. 1991: Maître de Conférences, University of Tours
Sept. 2002: Professor of Physics, University of Montpellier II

Ph.D. students supervision

Julien Lesgourgues (1995-1998)
David Blais (2001-2004)
Radouane Gannouji (2005-2008)

Selected Publications

L. Amendola, D. Polarski, S. Tsujikawa
Are $f(R)$ dark energy models cosmologically viable ?
Phys. Rev. Lett. **98**, 131302 (2007) [astro-ph/0603703]
M. Chevallier, D. Polarski
Accelerating Universes with Scaling Dark Matter
Int. J. Mod. Phys. D **10**, 213 (2001) [gr-qc/0009008]
B. Boisseau, G. Esposito-Farèse, D. Polarski, A. A. Starobinsky
Reconstruction of a Scalar-Tensor Theory of Gravity in an Accelerating Universe
Phys. Rev. Lett. **85**, 2236 (2000) [gr-qc/0001066]
D. Polarski, A. A. Starobinsky
Semiclassicality and Decoherence of Cosmological Perturbations
Class. Quantum Grav. **13**, 377 (1996) [gr-qc/9504030]
D. Polarski, A. A. Starobinsky
*Spectra of Perturbations Produced by Double Inflation
with an Intermediate Matter-dominated Stage*
Nucl. Phys. B **385**, 621 (1992)