

CURRICULUM VITAE

Surname: Polarski
First name: David
Date of birth: February 16th 1956
Place of birth: Tel-Aviv
Nationality: Belgian

Academic Degrees

- Drs. Theoretical Physics (Leiden University, The Netherlands, 1981)
- Ph.D. (Tel-Aviv University, Israel, 1988)
- HDR (Habilitation) (Tours University, 1998)

1976-1981: M.Sc. Theoretical Physics, Leiden University, The Netherlands
M.Sc. thesis: "Electromagnetic Fluctuations", under the supervision of Professor P. Mazur

1982-1988: Ph.D. in Physics, University of Tel-Aviv, Israel.
Title: "On the Construction of an SU(8) Charge in N=8 Supergravity and Maximally Symmetric Spaces", under the supervision of Professor A. Casher.

Academic positions

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

2004-08: Member of the CNRS National Committee

FIVE REPRESENTATIVE ARTICLES

Five articles representative of my activity in the field of cosmology are given below in inverse chronological order.

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. D10, 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. **B385**, 621 (1992)