

## 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)