

**Full Name:** Prof. Dr. Joaquim José Ginete Werner Pinto  
**Appointment:** Full Professor (W3), Karlsruhe Institute of Technologie (KIT), Germany  
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**Web:** <http://www.imk-tro.kit.edu/english>  
**Date of Birth:** 8 January 1972  
**Nationality:** Portuguese / German

**Education and Qualifications:**

06/1996	Licentiate	University of Lisbon, Portugal
07/2002	Ph.D. (Dr. rer. nat.)	University of Cologne, Germany
07/2011	Habilitation	University of Cologne, Germany

**Appointments:** 1996-1998 Research assistant, ICAT, University of Lisbon, Portugal  
 1998-2002 PhD student, IGMK, University of Cologne, Germany  
 2002-2011 Scientific assistant, IGMK, University of Cologne, Germany  
 2011-2016 Privatdozent (lecturer), University of Cologne, Germany  
 2013-2016 Associate Professor in regional climate and synoptic meteorology, Department of Meteorology, University of Reading, UK  
 2016- Full Professor of Meteorology (AXA Research Fund Chair), Institute of Meteorology and Climate Research – Department Troposphere (IMK-TRO), Karlsruhe Institute of Technology (KIT), Germany

**Prizes:** 2008 The Gordon Manley Weather Prize, Royal Met. Soc. for 2007, presented 2008. Prize received together with other IGMK colleagues

**Research Projects:** I have been PI or Co-I of 29 projects since 2002, with total funding > €7M.  
 Selected current projects:

- Principal investigator in "Regional Climate and Weather Hazards". AXA Research Fund, France. [2016-2029]
- Principal investigator in "Extreme Weather Events under recent climate conditions". Aon-Benfield Impact Forecasting, UK. [2016-2023]
- Principal investigator in "Impact of recurrent extreme drought events and shrub invasion on Mediterranean cork-oak ecosystem functioning and resilience", German Research Foundation (DFG), Germany [2017-2021]
- Principal investigator in "Stratospheric influence on predictability of persistent weather patterns", part of the "Waves to Weather – Phase II" consortium, German Research Foundation (DFG), Germany [2019-2023]
- Principal investigator in "ClimXtreme - Module A - Physik and processes" consortium, "ClimXtreme", Federal Ministry of Education and Research (BMBF), Germany. [2019-2022]
- Principal investigator in "Useful Local Climate Information for Germany (NUKLEUS)" consortium, "RegIKlim". Federal Ministry of Education and Research (BMBF), Germany. [2020-2023]

**Teaching Experience:** extensive teaching experience since 2004 in Meteorology for BSc, and MSc programs at KIT, Univ. Cologne, Germany and Univ. Reading, UK. Supervision of 44 Diploma, PhD, BSc and MSc Theses.

**Community Services:** Co-Convener of EGU session "Mid-latitude Cyclones and Storms: Diagnostics of Observed and Future Trends, and related Impacts" (2009-2021), Editor for Natural Hazards and Earth System Sciences (2017-)

**Memberships:** Europ. Geophys. Union, German Meteorol. Soc., Royal Meteorol. Soc.

**Publications:** 127 peer-review papers (125 published, 2 in press) and 10 submitted publications. 120 publications currently in the ISI Web of Science, with over 4500 citations; h-index: 40 (22.07.20). Researcher ID: A-7352-2009. Selected recent papers:

Albern N, Voigt A, **Pinto JG** (2019) Cloud-radiative impact on the global warming responses of the mid-latitude jet streams and storm tracks. *J Adv Model Earth Syst* 11:1940-1958.

Cabos W, et al. (incl. **Pinto JG**) (2019) Dynamical downscaling of historical climate over CORDEX Central America domain with a regionally coupled atmosphere-ocean model. *Clim Dyn* 52:4305-4328.

Catto JL, et al. (incl. **Pinto JG**) (2019) The Future of Extratropical Cyclones. *Curr Clim Change Rep* 5:407-420.

Ehmele F, Kautz LA, Feldmann H, **Pinto JG** (2020) Long-term variance of heavy precipitation across central Europe using a large ensemble of regional climate model simulations. *Earth Syst Dynam* 11: 469–490.

Feldmann H, **Pinto JG**, et al. (2019) Characterization of Skill and Added Value of the MiKlip Regional Decadal Prediction System for Temperature over Europe. *Tellus A* 71:1618678.

Fraga H, **Pinto JG**, Viola F, Santos JA (2020) Climate change projections for olive yields in the Mediterranean Basin. *Int J Climatol* 40:769– 781

Kautz LA, Polichtchouk I, Birner T, Garny H, **Pinto JG** (2020) Enhanced extended-range Predictability of the 2018 late-winter Eurasian Cold Spell due to the Stratosphere. *Quart J R Meteorol Soc* 146:1040-1055.

**Pinto JG**, et al. (2019) From Atmospheric Dynamics to Insurance Losses – an Interdisciplinary Workshop on European Windstorms. *Bull Amer Meteorol Soc* 100: ES175–ES178.

**Pinto JG**, Ludwig P (2020) Extratropical cyclones over the North Atlantic and western Europe during the Last Glacial Maximum and implications for proxy interpretation. *Clim Past* 16:611–626.

Seregina LS, , et al. (incl. **Pinto JG**) (2019) A new and flexible rainy season definition: validation for the Greater Horn of Africa and application on rainfall trends. *Int J Climatol* 39:989-1012.

Priestley MDK, Dacre HF, Shaffrey LC, Schemm S, **Pinto JG** (2020) The Role of Secondary Cyclones and Cyclone Families for the North Atlantic Storm Track and Clustering over Western Europe. *Quart J R Meteorol Soc* 146:1184-1205.

Sousa PM, et al. (incl. **Pinto JG**) (2020) North Atlantic Integrated Water Vapor Transport - from 850-2100 CE: Impacts on Western European Rainfall. *J Clim* 33:263-279.