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Appointment: Full Professor (W3), Karlsruhe Institute of Technologie (KIT), Germany
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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 – Dept. Troposphere Research (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 31 projects since 2002 (BMBF, 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. [2016-2025]
- 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 - Physics 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]
- Co-Principal investigator in "European Extreme Events: Drivers, Predictability and Impacts" (EDIPI), European Commission's H2020-MSCA-ITN programme, EU [2021-2025]

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 48 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" (2009-2022), Editor for Natural Hazards and Earth System Sciences (2017-)

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

Publications: 141 peer-review papers (139 published, 2 in press) and 9 submitted publications. 136 publications currently in the ISI Web of Science, with over 5400 citations; h-index: 45 (15.10.21). Researcher ID: A-7352-2009. Selected recent papers:

- Albern N, Voigt A, Thompson DWJ, **Pinto JG** (2020) Cloud-radiative impact on the global warming responses of the mid-latitude jet streams and storm tracks. *J Clim* 33:7927–7943.
- Dacre HF, **Pinto JG** (2020) Serial clustering of extratropical cyclones: a review of where, when and why it occurs. *npj Clim Atmos Sci* 3:48
- 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.
- Haberstroh S, et al. (incl. **Pinto JG**) (2021) Non-linear plant-plant interactions modulate impact of extreme drought and recovery on a Mediterranean ecosystem. *New Phytol* 231:1784-1797
- Hochman A, Messori G, Quinting J, **Pinto JG**, Grams C (2021) Do Atlantic-European weather regimes physically exist? *Geophys Res Lett* 48, e2021GL095574.
- 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.
- Merz B, et al. (incl. **Pinto JG**) (2020) Impact Forecasting to Support Emergency Management of Natural Hazards. *Rev Geophys* 58:e2020RG000704
- Moemken J, et al. (incl. **Pinto JG**) (2021) The regional MiKlip decadal prediction system for Europe – Hindcast skill for extremes and user-oriented variables. *Int J Climatol* 41:E1944–E1958
- 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.
- 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.
- Raible CC, **Pinto JG**, Ludwig P, Messmer M (2021) A review of past changes in extratropical cyclones in the northern hemisphere and what can be learned for the future. *WIREs Clim Change* 12:e680.
- 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.