

Full Name: Prof. Dr. Joaquim José Ginete Werner Pinto
Appointment: Full Professor (W3), Karlsruhe Institute of Technologie (KIT), Germany
Email/Phone: joaquim.pinto@kit.edu / +49 721 608-28467
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 18 projects since 2002, with total funding > €5M. Selected recent projects:

- Principal investigator in "Development of a Pan-European Storm Risk Model". Aon-Benfield Impact Forecasting, UK [2010-2013]
- Principal investigator in MiKlip-PRODEF "Probabilistic decadal forecast for Central and Western Europe". Part of the "MiKlip - Decadal Predictions" consortium, Module C. BMBF, Germany [2011-2015]
- Co-Investigator in "MiKlip II (Modul C: Regionalisation)". Subproject D. Part of the "MiKlip II - Decadal Predictions" consortium. BMBF, Germany. [2015-2018]
- Principal investigator in "Extreme Weather Events under recent climate conditions". Aon-Benfield Impact Forecasting, UK. [2016-2018]

Teaching Experience: extensive teaching experience since 2004 in Meteorology for BSc, and MSc programs at Univ. Cologne, Germany and Univ. Reading, UK. Supervision of 34 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" (2009-2017)

Memberships: German Meteorological Society, Royal Meteorological Society

Publications: 91 peer-review papers (89 published, 2 in press) and 4 submitted publications. 85 publications currently in the ISI Web of Science database, with >2200 citations; h-index: 28 (20.01.17). Researcher ID: A-7352-2009. Selected recent papers:

Dangendorf S, Arns A, **Pinto JG**, Ludwig P, Jensen J (2016) The exceptional influence of storm "Xaver" on design water levels in the German Bight. *Environ Res Lett* 11:054001.

Ludwig P, **Pinto JG**, Hoeppe SA, Fink AH, Gray SL (2015) Secondary cyclogenesis along an occluded front leading to damaging wind gusts: windstorm Kyrill, January 2007. *Mon Weather Rev* 143:1417–1437.

Marotzke J, et al. (incl. **Pinto JG**) (2016) MiKlip – a National Research Project on Decadal Climate Prediction. *Bull Amer Meteorol Soc* 97:2379–2394.

Neu U, et al. (incl. **Pinto JG**) (2013) IMILAST – a community effort to intercompare extratropical cyclone detection and tracking algorithms. *Bull Amer Meteorol Soc* 94:529–547.

Pinto JG, Gómara I, Masato G, Dacre HF, Woollings T, Caballero R (2014) Large-scale dynamics associated with clustering of extra-tropical cyclones affecting Western Europe. *J Geophys Res – Atmospheres* 119:13704–13719.

Pinto JG, Karremann MK, Born K, Della-Marta PM, Klawa M (2012) Loss potentials associated with European windstorms under future climate conditions. *Clim Res* 54:1–20

Pinto JG, Raible CC (2012) Past and recent changes in the North Atlantic oscillation. *Wiley Interdisciplinary Reviews: Clim Change* 3:79-90

Pinto JG, Ulbrich S, Boni G, Parodi A, Rudari R, Ulbrich U (2013) Identification and ranking of extraordinary rainfall events over Northwest Italy: The role of Atlantic moisture. *J Geophys Res – Atmos* 118:2085–2097.

Pinto JG, Ulbrich S, Economou T, Stephenson DB, Karremann MK, Shaffrey LC (2016) Robustness of serial clustering of extra-tropical cyclones to the choice of tracking method. *Tellus A* 68:32204

Priestley MDK, **Pinto JG**, Dacre HF, Shaffrey LC (2017) Rossby wave-breaking, the upper-level jet and serial clustering of extratropical cyclones in Western Europe. *Geophys Res Lett* doi:10.1002/2016GL071277

Sein DV, et al. (incl. **Pinto JG**) (2015) Regionally coupled atmosphere - ocean – sea ice – marine biogeochemistry model ROM: 1. Description and validation. *JAMES* 7:268–304

Woollings T, Gregory JM, **Pinto JG**, Reyers M, Brayshaw DJ (2012) Response of the North Atlantic storm track to climate change shaped by ocean-atmosphere coupling. *Nature Geoscience* 5:313–317