

# Curriculum Vitae

## Thomas PATZAK



Name: Patzak  
First Name: Thomas  
Place of Birth: Magdeburg, Germany  
Date of Birth: 23/05/1965  
Marital Status: Married – 2 children  
ORCID: <https://orcid.org/0000-0001-7395-0005>

### Current Position:

Distinguished Professor of Physics, Université Paris Cité, Paris, France  
Vice President for IT at Université Paris Cité (<https://u-paris.fr/en/key-figures/>)

### Training and Education:

1983 Abitur (High School Diploma)  
1983 - 1986 Military service in Germany (Air Force, Grade: Lieutenant)  
1986 - 1991 University studies in physics at the Humboldt University of Berlin, Germany.  
1991 Degree ("Diplom Physiker"), Humboldt University, Berlin, Germany.  
Subject: "Production and characterization of single crystal high temperature superconductors (80 K) based on YBaCuO."  
1992 – 1996 Permanent resident at CERN in Geneva as "Associate Member".  
12/1995 PhD (doctor rerum naturalium) at the Humboldt University of Berlin.  
Topic: "Detection of muons in the CHORUS experiment."  
Grade: magna cum laude

### Career:

1992 – 1995: PhD Student at CERN and Humboldt University of Berlin working on the construction of the muon spectrometer and the data reconstruction of the CHORUS experiment under the supervision of Klaus Winter.  
1995 – 1999: Postdoctoral researcher at Collège de France, Paris, France, under the supervision of Marcel Froissart, Tom Ypsilantis and Philippe Gorodetzky.  
1999 – 2000: Research Scientist at Tufts University, Boston, USA, under the supervision of J. Schneps.  
Since 2000: Full Professor of Physics at Université Paris Cité

### Distinctions:

1992: Young Talent Award of the German Academy of Natural Sciences Leopoldina  
2013: Senior member of the IUF (Institut Universitaire de France)

### Field of Research:

High Energy Particle Physics, Neutrino Physics, Design and Development of detector systems for HEP and Astro particle Physics.

**National and international responsibilities:**

- 2001 – 2008: Elected member of the 29th Committee for recruitment and career of Paris 7
- 2002 - 2004: Elected member of the Scientific Council of the PCC - College de France.
- 2004 - 2008: Chairman of the 29<sup>th</sup> Committee for recruitment and career of Paris 7
- 2007 - 2011: National PI of the MEMPHYS project.
- 2008 - 2011: National PI of the European Design Study "LAGUNA" (Budget: 1.7 M €).
- 2010 - 2013: National PI of the CNRS-PICS (Franco-German): "Studies for the development of a future large detector for particle and astroparticle physics "
- 2011 - 2014: National PI and Chair of the "scientific board" of the European design study LAGUNA-LBNO (Budget: 5 M €).
- 2007-2012: Elected member of the Scientific Council of the APC laboratory
- 2007-2019: Member of the organizing committee of the School of Gif (<http://ecole-de-gif.in2p3.fr/>)
- 2008 - 2012: Chairman of the Scientific Council of the Faculty of Physics of Paris Diderot (14 laboratories attached, 160 Full Professors, 80 researchers)
- 2009 - 2013: Member of the Board of the Graduate School "Particles, Nuclei, Cosmos"
- 2011 - 2014: - Chair of the "scientific board" of the European study, LAGUNA LBNO (300 members, 39 beneficiaries, 13 nations)  
- Member of the Executive Committee of LAGUNA-LBNO
- 2015 - 2019: - Chair of the Institution Board of CERN experiment WA105  
- Member of the Executive board of the WA105 experiment
- 2015 - 2016: Co-convener of the long-baseline physics working group of the DUNE experiment.
- 2013 - 2019: President of the organization committee of the School of GiF
- 2013 - 2014: Member of the dissemination board of LAGUNA-LBNO
- 2015 - 2023: PI DUNE-APC (2023: 2 Professors, 1 DR CNRS, 3 CR CNRS, 2 Postdocs, 3 PhD's, 2 Research engineers)
- 2016 - 2019: Member of the scientific council of the LLR, Ecole Polytechnique.
- 2017 - 2019: Chair of the DUNE speaker's committee.
- 2019 - 2021: Member of the DUNE Publication Board.
- 2020 - 2022: Chair of the DUNE Membership Rules and Responsibilities board.
- 2019 - 2023: Vice-Doyen for Research, Faculty of Science, Université Paris Cité. (9600 students, 4041 permanent staff members, 9 departments, 42 laboratories)
- 2019 – 2023: President of the Research Commission, Faculty of Science, Université Paris Cité.
- 2020 - 2023: President of the Academic Council of the Faculté of Science, Université Paris Cité.
- Since 2023: Vice President for IT, Université Paris Cité.

Paris, 28/02/24  
Th. Gokalski