

Lebenslauf

Prof. Dr. Jan M. M. Jolie

Birthdate	July 27, 1959	
Institute Address		Institut für Kernphysik, Universität zu Köln Zülpicherstrasse 77, 50937 Köln
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Education	28.06.83	Physics Diplom, Rijksuniversiteit Gent (B), Magna cum laude
	3.10.86	PhD Physics, Rijksuniversiteit Gent (B), Summa cum laude
	22.06.92	Habilitation, Rijksuniversiteit Gent (B)
	20.11.93	Habilitation, Universität Fribourg (CH).
Employment	1.10.83 - 1.10.86	PhD grant of IWONL at the Institute of Nuclear Sciences of the Rijksuniversiteit Gent
	1.10.86 - 31.12.86	Research Associate of Prof. Dr. K.L.G. Heyde at the Institute of Nuclear Sciences of the Rijksuniversiteit Gent
	1.01.87 - 31.12.91	Research Associate of the Institut Laue Langevin Grenoble (FR).
	1.01.92 - 29.02.92	Scientific visitor at the Institut Laue Langevin
	1.03.92 - 30.09.00	First assistant and Privat Dozent (from 20.11.93.on) at the University of Fribourg (CH)
	since 1.10.2000	C4-Professor (experimental physics) at the University of Köln
Prizes and Awards	2000	Leigh-Page Lecture prize (Yale University)
Functions	2000-2009	International expert of the FWO (Belgium) for nuclear and particle physics
	2001-	Director of the Institut für Kernphysik
	2002-2009	Member of the Gutachterausschuss Hadronen und Kerne (BMBF)
	2002-2014	Member of the AGATA Steering Committee
	2004-2006	Chairman of the RISING collaboration
	2004-2008	Member of the FRM-2 PAC
	2004-2007	Member of the Institut Laue Langevin (ILL) College 2 subcommittee (in 2007 chairman)
	2006-2018	Supervisory editor Nuclear Physics A
	2006-2019	Principal Investigator and member of the Steering Committee (2006-2012) of the Bonn-Cologne Graduate School in Physics and Astronomy
	2008-2009, 2020-2021	Head of physics department
	since 2007	Member of the GAMMAPOOL steering committee, 2014-2019 chair of the committee
	2011-2018	Member of the Stern-Gerlach prize committee
Research Area		Experimental and theoretical nuclear structure, in-beam gamma-ray spectroscopy and conversion electron spectroscopy, neutron physics, tomography

Ten most important publications

Extension of supersymmetry in nuclear structure.

P. Van Isacker, J. Jolie, K. Heyde, A. Frank, Phys. Rev. Lett. 54 (1985) 653

The F-Spin symmetric limits of the neutron-proton interacting boson model.

P. Van Isacker, K. Heyde, J. Jolie, A. Sevrin, Ann. of Phys. 171 (1986) 253.

Evidence for the existence of two-phonon collective excitations in deformed nuclei.

H.G. Börner, J. Jolie, S.J. Robinson, B. Krusche, R. Piepenbrink, R.F. Casten, A. Aprahamian, J.P. Draayer, Phys. Rev. Lett. 66 (1991) 691, 2837.

Sub-picosecond lifetime measurements by gamma-ray induced Doppler broadening.

H.G. Börner, J. Jolie, Topical review, Journ. of Phys. G 19 (1993) 217.

Evidence for the existence of supersymmetry in atomic nuclei.

A. Metz, J. Jolie, G. Graw, R. Hertzenberger, J. Gröger, Ch. Gunther, N. Warr, Y. Eisermann, Phys. Rev. Lett. 83 (1999) 1542.

A Quantum Phase Transition for γ -soft Nuclei.

J. Jolie, R.F. Casten, P. von Brentano, V. Werner, Phys. Rev. Lett. 87 (2001) 024316.

Triple point of Nuclear Deformations,

J. Jolie, P. Cejnar, R.F. Casten, S. Heinze, A. Linnemann, V. Werner: Phys. Rev. Lett. 89, 182502 (2002)

Quantum Phase Transitions and the Interacting Boson Model

P. Cejnar J. Jolie, Progress in Particle and Nuclear Physics 62 (2009)210

Quantum Phase Transitions in the shapes of atomic nuclei

P. Cejnar, J. Jolie, R.F. Casten Review of Modern Physics 82 (2010)2155

Symmetries in Atomic Nuclei: From Isospin to Supersymmetry

A. Frank, J. Jolie, P. Van Isacker, Springer Tracts in Modern Physics , Vol. 230 (2009), 2nd Edition (2019)

Number of publications in refereed international journals: 342

Number of conference proceedings contributions: 176

Number of lecture notes: 5

Number of books and proceedings: 5

Number of popularising articles: 21

Number of citations (Google scholar): 16941

h-index (Google scholar): 66