Curriculum Vitae

Name	**Theodoros Gaitanos**
Position	Professor, Physics Department, Aristotle University of Thessaloniki
Studies	• Dr. ren. nat. in Physics, LMU München, 2000 • Diploma in Physics, Physics Department, LMU München, 1996
Scientific Experience	• 08/24-present: Professor, Aristotle University of Thessaloniki • 02/20-07/24: Associate Professor, Aristotle University of Thessaloniki • 01/15-01/20: Assistant Professor, Aristotle University of Thessaloniki • 10/06-12/14: Postdoctoral fellow, Institute for Theoretical Physics, JLU Gießen • 05/05-09/06: Postdoctoral fellow, Physics Department, LMU München • 04/03-04/05: Postdoctoral fellow, LNS Catania • 06/02-03/03: Postdoctoral fellow, Physics Department, LMU München
Scientific Activities	Keywords**:** Theoretical Nuclear and Hadron Physics, (Nuclear) Astrophysics **Particular Activities:** • (Relativistic) Heavy-Ion Collisions ((R)HIC) • Equation of State (EoS) of nuclear and hadron matter • Hyperon-nucleon interactions • In-medium hyperon-nucleon interactions & exotic hypernuclei • Nucleon-antiparticle interactions & antimatter • Neutron stars
Scientific Work	**Publications & Conferences:** • 63 publications in refereed journals • 33 publications in conference proceedings • More than 50 participations in international conferences & schools • Invited Lecturer in 10 international schools • Reviewer in international scientific journals (Nuclear Physics A & B, Physics Letters B, Physical Review C, Physical Review Letters, European Physical Journal A, κ.α.) **International Collaborations/Memberships:** • Collaboration in international experimental projects (FOPI, HADES, HypHI, PANDA) • Member of the Hellenic Nuclear Physics Community • Member of the Working Group 3/Helmhotz International Center for FAIR (HIC@FAIR) • Member of the Strange Particles in Hadronic Environment Research in Europe (SPHERE)
Educational Activities	• Organization of exercises and examinations at the universities of München and Gießen (Mathematical Methods in Physics, Theoretical Mechanics I & II, Theory of Electromagnetism, Quantum Physics II, Quantum Field Theory) • Lectures in optional courses (Special Relativity, Quantum Hadrodynamics, Theoretical Hadron Physics) • (Co-)Supervisor in diploma thesis and dissertations • 2 textbooks for undergraduate courses in Physics at the Aristotle University of Thessaloniki

Five most important publications	• Constraints on the high-density nuclear equation of state from the phenomenology of compact stars and heavy-ion collisions (427 citations) T. Klahn, D. Blaschke ,S. Typel, E.N.E. van Dalen, A. Faessler, C. Fuchs, T. Gaitanos, H. Grigorian, A. Ho, E.E. Kolomeitsev, M.C. Miller, G. Ropke, J. Trumper, D.N. Voskresensky, F. Weber, H.H. Wolter **Phys. Rev. C74 (2006) 035802** • On the Lorentz structure of the symmetry energy (236 citations) T. Gaitanos, M. Di Toro, S. Typel, V. Baran, C. Fuchs, V. Greco, H.H. Wolter, **Nucl. Phys. A732 (2004) 24-48** • Transport-theoretical Description of Nuclear Reactions (659 citations) O. Buss, T. Gaitanos, K. Gallmeister, H. van Hees, M. Kaskulov, O. Lalakulich, A.B. Larionov, T. Leitner, J. Weil, U. Mosel, **Phys. Rept. 512 (2012) 1-124** • Isospin effects on sub-threshold kaon production at intermediate energies (143 citations) G. Ferini, T. Gaitanos, M. Colonna, M. Di Toro, H.H. Wolter, **Phys. Rev. Lett. 97 (2006) 202301** • Relativistic effects in the search for high density symmetry energy (83 citations) V. Greco, V. Baran, M. Colonna, M. Di Toro, T. Gaitanos, H.H. Wolter, **Phys. Lett. B562 (2003) 215-220**