

บรรณานุกรม

บรรณานุกรม

- [1] Gustafsson H.A. Gutbrod H. H. Kolb B. Löhner H. Ludewigt B. Poskanzer A. M., et al. (1984). Collective Flow Observed in Relativistic Nuclear Collisions. **Physics Review Letter**, 52, 1590.
- [2] Renfordt R.E. Schall D. Bock R. Brockmann R. Harris J. W. Sandoval A., et al. (1984). Stopping Power And Collective Flow Of Nuclear Matter In The Reaction Ar + Pb At 0.8-gev/u. **Physics Review Letter**, 53, 763.
- [3] Scheid W. Müller H. and Greiner W. (1974). "Nuclear shock waves in heavy-ion collisions". **Physics Review Letter**,. 32. 741.
- [4] Stöcker H. and Greiner W. (1986). High-Energy Heavy Ion Collisions: Probing the Equation of State of Highly Excited Hadronic Matter. **Physics Reports**, 137, 277.
- [5] Clare R.B. and Strottman D. (1986). Relativistic hydrodynamics and heavy ion reactions. **Physics Reports**, 141. 177.
- [6] Huichao Song Steffen A. Bass U. Heinz Tetsufumi Hirano and Chun Shen. (2011). The QGP shear viscosity — elusive goal or just around the corner. **Physics Review Letter**, 106, 192 - 301.
- [7] Niemi H. Denisol G.S. Huovinen P. Molnár E. and Riske D. (2011). Influence of shear viscosity of quark-gluon plasma on elliptic flow in ultrarelativistic heavy-ion collisions. **Physics Review Letter**, 106, 212 - 302.
- [8] Bertsch G.F. and Das Gupta S. (1988). BUU (Boltzmann-Uehling-Uhlenbeck). **Physics Reports**, 160, 189.
- [9] Blaettel B. Koch V. and Mosel U. (1993). Relativistic transport theory. **Reports on Progress in Physics**, 56, 1.
- [10] Cassing W. and Juchem S. (2000). Semiclassical transport of particles with dynamical spectral functions. **Nuclear Physics A**, 665, 377.

- [11] Aichelin J. (1991). "Quantum" molecular dynamics—a dynamical microscopic n-body approach to investigate fragment formation and the nuclear equation of state in heavy ion collisions. **Physics Reports**, 202, 233.
- [12] Hartnack C. Rajeev K. Puri Aichelin J. Konopka J. Bass S.A., et al. (1998). Modeling the many body dynamics of heavy ion collisions: Present status and future perspective. **The European Physical Journal A**, 1, 151.
- [13] Yingxun Zhang and Zhuxia Li. (2005). Probing the density dependence of the symmetry potential with peripheral heavy-ion collisions. **Physics Review C**, 71, 024 – 604.
- [14] Bass S.A. (1998). UrQMD approach. **Progress in Particle and Nuclear Physics**, 41, 255.
- [15] Qingfeng Li Caiwan Shen Chenchen Guo Yongjia Wang Zhuxia Li J. Lukasik, et al. (2011). Nonequilibrium dynamics in heavy-ion collisions at low energies available at the GSI Schwerionen Synchrotron, **Physics Review C**, 83, 617.
- [16] Colonna M. Fabbri G. Di Toro M. Matera F. and Wolter H.H. (2004). Fragmentation path of excited nuclear systems. **Nuclear Physics A**, 742, 337.
- [17] Santini E. Gaitanos T. Colonna M. and Di Toro M. (2005). Fragment formation in central heavy ion collisions at relativistic energies. **Nuclear Physics A**, 756, 468.
- [18] Baran V. Colonna M. Greco V. and Di Toro M. (2005). Reaction dynamics with exotic nuclei. **Physics Reports**, 410, 335.
- [19] Gaitanos T. Fuchs C. and Wolter H.H. (2005). Nuclear stopping and flow in heavy-ion collisions and the in-medium $\langle \sigma_{NN} \rangle$ cross section. **Physics Review Letter B**, 609, 241.

- [20] Chen L.-W. Ko C.M. and Li B.-A. (2004). Effects of momentum-dependent nuclear potential on two-nucleon correlation functions and light cluster production in intermediate energy heavy-ion collisions. **Physics Review C**, 69, 1-9.
- [21] Bao-An Li C.B. Das S. Das Gupta and C. Gale (2004). Momentum dependence of the symmetry potential and nuclear reactions induced by neutron-rich nuclei at RIA. **Physics Review C**, 69, 1-4.
- [22] Danielewicz P. and Pan Q. (1992). Blast of light fragments from central heavy ion collisions. **Physics Review C**, 46, 2002.
- [23] Danielewicz P. (2000). Determination of the mean-field momentum-dependence using elliptic flow. **Nuclear Physics A**, 673, 375.
- [24] Buss O. Gaitanos T. Gallmeister K. van Hees H. Kaskulov M. Lalakulich O., et al. (2012). **Transport-theoretical Description of Nuclear Reactions**. Retrieved. September 5, 2013, from: <http://arxiv.org/abs/1106.1344>
- [25] Reisdorf W. and Ritter H.G. (1997). Collective flow in heavy-ion collisions. **Annual Review of Nuclear and Particle Science**, 47, 663.
- [26] Herrmann N. Wessels J.P. and Wienold T. (1999). Collective flow in heavy-ion collisions. **Annual Review of Nuclear and Particle Science**, 49, 581.
- [27] Danielewicz P. Lacey R. Lynch W.G. (2002). Determination of the equation of state of dense matter. **Science**, 298, 1592.
- [28] Partlan M.D. Albergo S. Bieser F. Brady F. P. Caccia Z. Cebra D., et al. (1995). Fragment flow in Au+ Au collisions EoS Collaboration. **Physics Review Letter**, 75, 2100.
- [29] Andronic A. Barret V. Basrak Z. Bastid N. Benabderrahmane L. Bereket G., et al. (2005). Excitation function of elliptic flow in Au+Au collisions and the nuclear matter equation of state FOPI collaboration. **Physics Review Letter** B, 612, 173.

- [30] Wang S. Lisa M. A. Albergo S. Bieser F. Brady F. P. Caccia Z., et al. (1996).
In-Plane retardation of collective expansion in Au+Au collisions EoS
collaboration. **Physics Review Letter**, 76, 3911.
- [31] Stoicea G. Petrovici M. Andronic A. Herrmann N. P. Alard J. Basrak Z., et al.
(2004). Azimuthal dependence of collective expansion for symmetric heavy
ion collisions. **Physics Review Letter**, 92, 1-5.
- [32] Peilert G. Stöcker H. Greiner W. Rosenhaueur A. Bohnet A. and Aichelin J.
(1989). Multifragmentation, fragment flow, and the nuclear equation of state.
Physics Review C, 39, 1-18.
- [33] Sturm C. Böttcher I. Debowski M. Förster A. Grosse E. Koczon P., et al.
(2001). Evidence for a Soft Nuclear Equation-of-State from Kaon Production
in Heavy-Ion, KaoS Collaboration. **Physics Review Letter**, 86, 39.
- [34] Förster A. Uhlig F. Böttcher I. Brill D. Debowski M. Dohrmann F., et al. (2007).
Production of K⁺ and of K⁻ Mesons in Heavy-Ion Collisions from 0.6 to
2.0-A-GeV Incident Energy, KaoS Collaboration. **Physics Review C**, 75, 1-19.
- [35] Fuchs C. (2006). Kaon production in heavy ion reactions at intermediate energies.
Progress in Particle and Nuclear Physics, 56, 1.
- [36] Hartnack C. Oeschler H. and Aichelin J. (2006). Hadronic Matter Is Soft. **Physics
Review Letter**, 96, 012302.
- [37] Reisdorf W. Leifels Y. Andronic A. Auerbeck R. Barret V. Basrak Z., et al.
(2012). Systematics of azimuthal asymmetries in heavy ion collisions in the 1
A GeV regime, FOPI Collaboration. **Nuclear Physics A**, 876, 1–60.
- [38] Stocker H. and Greiner W. (1984). High energy heavy ion collisions—probing the
equation of state of highly excited hadronic matter. **Physics Review**, 137,
277.
- [39] Gustafsson H.A. Gutbrod H.H. Kolb B. Lohner H. Ludewigt B. Poskanzer A.
M., et al. (1984). Collective Flow Observed in Relativistic Nuclear Collisions.
Physics Review Letter, 52, 1590.

- [40] Kampert K.H. (1986). Kollektive Phänomene in relativistischen Schwerionenreaktionen. Thesis, University of Munster,
- [41] Gutbrod H. Kampert K.H. Kolb B.W. Poskanzer A.M. Ritter H.G. Ludewigt B. et al. (1989). A new component of the collective flow in relativistic heavy-ion collisions. *Physics Letter B*, 216, 267.
- [42] Gutbrod H. Kampert K. H. Kolb B. W. Poskanzer A. M. Ritter H. G. sheik F., et al. (1990). Rapidity distributions of Ca+Ca, Nb+Nb, Ne+Au and Au+Au at bombarding energies from 250 to 2100 MeV/nucleon. *Z. Physics A*, 337, 57.
- [43] Zheng Y. M. Fuchs C. Faessler A. Shekhter K. Yan Y. P. and Kobdaj C. (2004). Covariant kaon dynamics and kaon flow in heavy ion collisions. *Physics Review C*, 69(3), 034907.
- [44] Stocker H. and Greiner W. (1986). High energy heavy ion collisions—probing the equation of state of highly excited hadronic matter. *Physics Reports*, 137 (5-6), 277-392.
- [45] Gustafsson H.A. Gutbrod H.H. Kolb B. Lohner H. Ludewigt B. Poskanzer A. M., et al. (1984). Collective flow observed in relativistic nuclear collisions. *Physics Review Letter*, 52, 1590.
- [46] Renfordt R.E. Schall (Heidelberg U.) D. Bock R. Brockmann R. Harris J.W. A. Sandoval., et al. (1984). Stopping Power and collective flow of nuclear matter in the reaction Ar + Pb At 0.8-gev/u. *Physics Review Letter*, 53, 763.
- [47] Danielewicz P. and Odyniec G. (1985). Transverse Momentum Analysis of Collective Motion in Relativistic Nuclear Collisions. *Physics Letter B*, 157, 168.
- [48] Ohnishi A. Isse M. Otuka N. Sahu P.K. and Nara Y. (2006). Collective flows in high-energy heavy-ion collisions at AGS and SPS energies. *Pramana Journal of Physics*, 66, 797-807.
- [49] Gobbi A. (1993). (FOPI Collaboration). *Nucl. Instrum. Methods A*, 324,156.

[50] Ritman J. (1995). (FOPI Collaboration). Nucl. Instrum. Methods (Proc. Suppl.) B, 44,708.

[51] Barrette J. (1997) (E877 Collaboration). Physics Review C, 56, 3254.

ประวัติผู้วิจัย

ประวัติผู้วิจัย

ชื่อ - ชื่อสกุล

กฤษฎิยา ไตม่วง

วัน เดือน ปี เกิด

3 มิถุนายน 2532

ที่อยู่ปัจจุบัน

36/1 หมู่ 1 ตำบลทับหมัน อำเภอตะพานหิน จังหวัดพิจิตร 66110

ประวัติการศึกษา

พ.ศ. 2551

วท.บ. (ฟิสิกส์) มหาวิทยาลัยนเรศวร