

Curriculum Vitae

Assistant Professor Siramas Komonjinda, Ph.D.

Contact Information

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Personal Information

Date of Birth 25 May 1980

Place of Birth Bangkok, Thailand

Citizenship Thai

Gender Female

Employment History

2014 – present	Assistant Professor Department of Physics and Materials Science Faculty of Science, Chiang Mai University
2014 – present	Deputy director Doi Suthep National Science Centre Faculty of Science, Chiang Mai University
2013	Research Fellow Observatoire de la Côte d’Azur
2008 - 2011	Expert Advisor National Astronomical Research Institute of Thailand
2004 – 2014	Lecturer Department of Physics and Materials Science Faculty of Science, Chiang Mai University

Education

2004 – 2008	Doctor of Philosophy in Astronomy University of Canterbury, Christchurch, New Zealand
2001 – 2003	Master of Science in Physics Chiang Mai University, Thailand
1997 – 2001	Bachelor of Science in Physics Mahidol University, Thailand
1986 – 1997	High school & Secondary School St.Joseph Convent School, Bangkok, Thailand

Honors and Awards

2013	Junior Research Fellowship Program, Franco-Thai
2004 – 2008	Royal Thai Government Scholarship
2001	The Professor Dr.Tab Nilanidhi Foundation Scholarship
1997 – 2001	Sritrangthong Scholarship, Mahidol University

Training

2017	ITCA Colloquium – Astronomy for STEM Education Bangkok, Thailand
2007	29 th International School for Young Astronomer Chiang Mai, Thailand
2005	10 th Vatican Observatory Summer School, Castel Gandolfo, Italy
2001	25 th International School for Young Astronomer, Chiang Mai, Thailand

Public Outreach

2017	Academic Committee International Olympiad on Astronomy and Astrophysics, Phuket, Thailand
2014	Lecturer 36 th International School for Young Astronomer, Chiang Mai, Thailand

2001 - Present	Academic Committee Thai Astronomical Olympiad
2002 – Present	Lecturer Astronomical Olympiad Program Faculty of Science, Chiang Mai University
2009 – 2014	Director Astroschool Program Institute for the Promotion of Teaching Science and Technology

Publication

Sukwisoot, A., Laphirattanakul, A., Komonjinda, S., Position Change of the Moon to showing the Lunar Mansion's Pattern, *Journal of Physics: Conference Series*, 901(1), 012001.

Patwong, W., Komonjinda, S., A-Thano, N. Radial velocity observations of OB1d association in NGC 1977, *Journal of Physics: Conference Series*, 901(1), 012020.

Chehlaeh, N., Lampens, P., Mkrichian, D., Van Cauteren, P., Vermeulen, L., Komonjinda, S., Detection of short-periodic oscillations in UW Vir, *Journal of Physics: Conference Series*, 901(1), 012007.

Mkrichian D.E., Gunsriwivat, K., Awiphan, S., Komonjinda, S., Reichart, D.E., Haislip, J.B., Kouprianov, V.V., Ivarsen, K.M., Crain, J.A., Foster A.C., and Poshyachinda, S., Detection of short-periodic oscillations in UW Vir, *Information Bulletin on Variable Stars*, 2017, 6221

Nakamura, Y., K. Shiokawa, Y. Otsuka, S.-I. Oyama, S. Nozawa. T. Komolmis, S. Komonjinda, D. Neudegg, C. Yuile, J. Meriwether, H. Shinagawa, and H. Jin, Measurement of thermospheric temperatures using OMTI Fabry-Perot interferometers with 70mm etalon, *Earth, Planets and Space*, 2017, 69,1,57, doi: 10.1186/s40623-017-0643-1.

Awiphan, S.; Kerins, E.; Pichadee, S.; Komonjinda, S.; Dhillon, V.S.; Rujopakarn, W.; Poshyachinda, S.; Marsh, T.R.; Reichart, D.E.; Ivarsen, K.M.; Haislip, J.B., Transit timing variation and transmission spectroscopy analyses of the hot Neptune GJ3470b, *Monthly Notices of the Royal Astronomical Society*, 2016, 463, 2574.

Mkrichian, D.E.; Gunsriwivat, K.; Komonjinda, S., Detection of multiperiodic oscillations in the mass-accreting component of GQ Tra, *Information Bulletin on Variable Stars*, 2016, 6182.

Fukushima, D.; Shiokawa, K.; Otsuka, Y.; Nishioka, M.; Kubota, M.; Tsugawa, T.; Nagatsuma, T.; Komonjinda, S.; Yatini, C. Y., Geomagnetically conjugate observation of plasma bubbles and thermospheric neutral winds at low latitudes, *Journal of Geophysical Research: Space Physics*, 2015, 120, 3, 2222. Mkrichian, D. E.; A-Thano, N.; Komonjinda, S.; Rattanasoon, S., A new W UMa-type variable star near R CMa, *Information Bulletin on Variable Stars*, 2013, 6072, 1.

Richichi, A.; Chen, W.P.; Cusano, F.; Fors, O.; Moerchen, M.; Komonjinda, S., An investigation of binary stars in the Pleiades with high contrast and spatial resolution, *Astronomy and Astrophysics*, 2012, 541, A96

Hearnshaw, J. B.; Komonjinda, S.; Skuljan, J.; Kilmartin, P. M., A study of non-Keplerian velocities in observations of spectroscopic binary stars, *Monthly Notices of the Royal Astronomical Society*, 2012, 427, 1, 298.

Komonjinda S., The sun and 15 doorways of Phnom Rung, Oxford IX international symposium on archaeoastronomy, *IAU Symposium 278*, 2011, 1743.

Komonjinda S., Hearnshaw J.B., and Ramm D.J., Orbital solutions for six spectroscopic binaries with circular or nearly circular orbits, *Monthly Notices of the Royal Astronomical Society*, 2011, 410, 1761.

Ramm, D. J., Pourbaix, D., Hearnshaw, J. B., & Komonjinda, S., Spectroscopic orbits for K giants β Reticuli and ν Octantis: what is causing a low-amplitude radial velocity resonant perturbation in ν Oct?, *Monthly Notices of the Royal Astronomical Society*, 2009, 394, 1695.

Komonjinda S., Hearnshaw J.B., and Ramm D.J., New analysed orbits of southern double-lined spectroscopic binary systems, the proceeding of the 10th Asian-Pacific Regional IAU Meeting, 2008.

Komonjinda S., Hearnshaw J.B., and Ramm D.J., High-precision Orbits of Southern Single-lined Spectroscopic Binaries, the proceeding of the 8th Pacific Rim Conference in Stellar Astrophysics, 2008, 215.

Komonjinda, S., Hearnshaw, J. B., & Ramm, D. J., New Detectable Eccentricities of Southern Binary Star Systems, *Southern Stars*, 2007, 46, 7.

Books

INTENSIVE โลก ดาราศาสตร์ และอวกาศ ม.ปลาย, ศิรามาศ โกมลจินดา, ศักดิ์ดาวุฒิ เมืองก้อน, กรุงเทพฯ : GANBATTE, 2560

ประวัติชีวิตกาลิเลโอ = The Lives of Galileo: A journey through the history of astronomy , Fiammingo Raphael, เขียน ธนาสิริ สุธีธร, ศิรามาศ โกมลจินดา, แปล, เชียงใหม่ : โครงการเครือข่ายสารสนเทศดาราศาสตร์สำหรับโรงเรียน, 2552

สำรวจโลกวิทยาศาสตร์ : การเคลื่อนที่ แรงและพลังงาน = Science Explorer : Motion, Forces and Energy / Peter Kahan, เขียน ; นฤมล เอมะรัตน์, ศิรามาศ โกมลจินดา, วีระชัย สิริพันธ์วรารักษ์ แปล, กรุงเทพฯ : เพียร์สัน เอ็ดดูเคชั่น อินโดไชน่า, 2546

สำรวจโลกวิทยาศาสตร์ : การเปลี่ยนแปลงของพื้นผิวโลก = Science Explorer : Earth's Changing Surface / Joseph D. Exline, เขียน ; วีระชัย สิริพันธ์วรารักษ์, ศิรามาศ โกมลจินดา แปล, กรุงเทพฯ : เพียร์สัน เอ็ดดูเคชั่น อินโดไชน่า, 2546

สำรวจโลกวิทยาศาสตร์ : สภาพและภูมิอากาศ = Science Explorer : Weather and Climate / Barbara Brooks Simons, เขียน ; วีระชัย สิริพันธ์วรารักษ์, ศิรามาศ โกมลจินดา แปล, กรุงเทพฯ : เพียร์สัน เอ็ดดูเคชั่น อินโดไชน่า, 2546

Professional Memberships

2009 – present International Astronomical Union
Organizing Committee Member of Commission C4 World Heritage and Astronomy
Member of Division C Education, Outreach and Heritage
Member of Division F Planetary Systems and Bioastronomy
Member of Division G Stars and Stellar Physics
Member of Commission C1 Astronomy Education and Development
Member of Commission C4 World Heritage and Astronomy
Member of Commission G1 Binary and Multiple Star Systems

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