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PhD Mechanical Engineering, Imperial College London, UK 2015

M.Eng Mechanical Engineering, Chiang Mai University, Thailand 2006

B.Eng Mechanical Engineering, Chiang Mai University, Thailand 2002

สาขาวิจัยที่เชี่ยวชาญ

Solid Mechanics, Orthopaedic Biomechanics, Finite Element Analysis, Digital Image/Volume Correlation

ผลงานวิจัยตีพิมพ์ในวารสารระดับนานาชาติ

Mohamad Ikhwan Zaini Ridzwan, Chamaiporn Sukjamsri, Bidyut Pal, Richard J. van Arkel, Andrew Bell, Monica Khanna, Aroon Baskaradas, Richard Abel, Oliver Boughton, Justin Cobb, Ulrich N. Hansen, "Femoral fracture type can be predicted from femoral structure: A finite element study validated by digital volume correlation experiments", Journal of Orthopaedic Research, 2018, Vol. 36, No. 3, pp: 993-1001.

C. Sukjamsri, D.M. Geraldes, T. Gregory, F. Ahmed, D. Hollis, S. Schenk, A.A. Amis, R. Emery, U. Hansen, "Digital volume correlation and micro-CT: An in-vitro technique for measuring full-field interface micromotion around polyethylene implants", Journal of Biomechanics, 2015, Vol. 48, No. 12, pp: 3447-3454.

Gregory, T. M., Sukjamsri, C., Hansen, U., Amis, A. A., Emery, R., Augereau, B., "Glenoid Aseptic Loosening After Anatomical Shoulder Replacement: a Systematic Review of the Radiolucent

Line Significance and of the Loosening Mechanisms”, E-MEMOIRES DE L ACADEMIE NATIONALE DE CHIRURGIE, 2015, Vol. 14, No. 2, pp: 7-12.

Y. Boonyongmaneerat, C. Sukjamsri, U. Sahapatsombut, S. Saenapitak, S. Sukkasi, "Investigation of electrodeposited Ni-based coatings for biodiesel storage", Applied Energy, 2011, Vol.44, No.3, pp: 909-913.

S. Sukkasi, U. Sahapatsombut, C. Sukjamsri, S. Saenapitak, Y. Boonyongmaneerat, "Electroless Ni-based coatings for biodiesel containers", Journal of Coatings Technology and Research, 2011, Vol. 8, No.1, pp: 141-147.

T. Baitiang, K. Suwannakij, T. Doungmukpanao, C. Sukjamsri, S. Topaiboul, N. Chollacoop, "Effects of Biodiesel and Jatropha oil on Performance, Black Smoke and Durability of Single-Cylinder Diesel Engine”, Journal of Metals Materials and Mineral, 2008, Vol.18 No.2 pp.181-185.

ผลงานวิจัยเผยแพร่ในการประชุมวิชาการระดับนานาชาติ

P. Neampradit, T. Charoenpong, D. Sueaseenak, and C. Sukjamsri, “A Method of Thai Main Dish and Soup Classification by Gray Level Co-occurrence Matrix Algorithm,” The 6th Int. Electrical Engineering Congress (IEECON2018), Thailand, 2018, pp: 17-20.

N. Suwatkitiwong, T. Charoenpong, C. Sukjamsri, and T. Ouypornkochagorn, “Human Height Measurement by Square Template,” The 6th Int. Electrical Engineering Congress (IEECON2018), Thailand, 2018, pp: 25-28.

Direk Sueaseenak, Chainarong Khawdee, Nednapa Pakornsirikul, Chamaiporn Sukjamsri, “A performance of modern gesture control device with application in pattern classification”, Proceedings of the 23rd International Conference on Control, Automation and Robotics (ICCAR 2017), Nagoya, Japan, April 24-26, 2017

Sukjamsri C., Arun S., Suzuki B., Suzuki E.Y., “Effects of miniscrew location on performance of distalization appliance (iPANDA)”, Proceedings of the 2016 Biomedical Engineering International Conference (BMEiCON-2016), Luang Prabang, Laos, December 6-9, 2016

Sugunya Potiwiput, Thanaporn Praphant, Atcharaporn Mai-orn, Chi-na Benyajati, Chamaiporn Sukjamsri, "Cementless prosthesis for reconstructing shoulder with glenoid retroversion", Proceedings of the 2016 Biomedical Engineering International Conference (BMEiCON-2016), Luang Prabang, Laos, December 6-9, 2016

Arisa Poonsri, Theekapun Charoenpong, Napapa Aimjirakul, Chamaiporn Sukjamsri. "Teeth Segmentation from Dental X-ray Image by Template Matching", Proceedings of the 2016 Biomedical Engineering International Conference (BMEiCON-2016), Luang Prabang, Laos, December 6-9, 2016

Sopa Potikanya, Tanissorn Lertpithaksoonthorn, Aslam Meechai, Rattiya Mungauamklang, Puckpoom Keaokao, Chamaiporn Sukjamsri, Chamaporn Chianrabutra, Theekapun Charoenpong, "Development of facial expression recognition by significant sub-region", Proceedings of the 2016 8th International Conference on Knowledge and Smart Technology (KST), Chiang Mai, Thailand, February 3-6, 2016

C. Sukjamsri, D.M. Geraldes, T. Gregory, U. Hansen, "Micro computed tomography and digital volume correlation techniques to determine micromotion in cementless arthroplasty", 7th World Congress of Biomechanics, Massachusetts, USA, July 6-11, 2014

C. Sukjamsri, U. Hansen, "The effect of glenoid component version on interface micromotion in cementless shoulder arthroplasty" 12th International Congress of Shoulder and Elbow Surgery, Nagoya, Japan, April 10-12, 2013

C. Sukjamsri, D.M. Geraldes, T. Gregory, F. Ahmed, D. Hollis, U. Hansen, "A study of micromotion in cementless arthroplasty using digital volume correlation technique", Tomography for Scientific Advancement Symposium, London, UK, September 9-10, 2013

C. Sukjamsri, T. Baitiang, N. Chollacoop, S. Topaiboul, "400-hour Durability Tests of Direct-Injection Engine Using Neat Palm Biodiesel", The TSME International Conference on Mechanical Engineering, Ubon Ratchathani, Thailand, 2010

C. Sukjamsri, T. Baitiang, S. Sukkasi, S. Topaiboul, "Hydrostatic Density Test Kit for Biodiesel Quality Control" (Poster), The 6th Biomass-Asia Workshop, Hiroshima, Japan, 2009

T. Baitiang, C. Sukjamsri, S. Topaiboul and N. Chollacoop, “Investigation of Fuel Spray Characteristics of Palm-Derived Biodiesel”, World Renewable Energy Congress-Asia, The 3rd International Conference on Sustainable Energy and Environment, Bangkok, Thailand, 2009

C. Sukjamsri, N. Chollacoop, S. Topaiboul, S. Goto, T. Hirotsu, M. Oguma, “The Effects of High Temperature on Biodiesel Degradation” (Poster), The 1st Asian Transportation Research Society (ATRANS), Bangkok, Thailand, 2008

C. Sukjamsri, T. Baitiang, S. Topaiboul, N. Chollacoop, “Development of Biodiesel Farm Truck” (Poster), The 4th Biomass-Asia Workshop, Shah Alam, Malaysia, 2007

ผลงานวิจัยเผยแพร่ในการประชุมวิชาการระดับชาติ

U. Sahapatsombat, C. Sukjamsri, S. Sukkasi, Y. Boonyongmaneerat, S. Seanapitak, “Effects of Nickel Alloys in Fuel Tank Coating Materials on Oxidation Stability of Biodiesel”, The 23rd Conference of Mechanical Engineering Network of Thailand, Chiang Mai, Thailand, 2009 (in Thai)

K. Suwannakij, T. Doungmukpanao, M. Kananon, C. Sukjamsri, N. Chollacoop, S. Topaiboul, “Feasibility Study of Anhydrous Ethanol Blended with Gasoline for Small Aircraft Engine”, The 23rd Conference of Mechanical Engineering Network of Thailand, Bangkok, Thailand, 2008 (in Thai)

K. Suwannakij, T. Doungmukpanao, T. Baitiang, C. Sukjamsri, N. Chollacoop, S. Topaiboul, “Experiment Test of Biodiesel in Single Cylinder Diesel Engine: Performance, Black Smoke and Long Term Evaluation”, The 23rd Conference of Mechanical Engineering Network of Thailand, Bangkok, Thailand, 2008 (in Thai)

C. Sukjamsri, S. Topaiboul, N. Chollacoop, T. Baitiang, “Performance and black smoke from small diesel engine fueled with biodiesel”, NSTDA Annual Conference, Bangkok, Thailand, 2007 (in Thai)

S. Topaiboul, N. Chollacoop, C. Sukjamsri, T. Baitiang, “Effects of Palm Biodiesel on Commonrail-Diesel Engine”, NSTDA Annual Conference, Bangkok, Thailand, 2007

C. Sukjamsri, P. Ingsuwan, W. Klongpanich , T. Fongsamootr, “Bending Analysis of Square Thin Plates with Two Beamed Edges and Two Free Edges Supported at Corners and Center-Column (Numerical Modeling)”, The 20th Conference of Mechanical Engineering Network of Thailand, Nakhon Ratchasima, Thailand

ประสบการณ์การทำงาน

Research assistant, National Metal and Material Technology Centre (MTEC), 2006-2010

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Royal Thai Scholarship, 2010

Poster Running up Award on “Investigation of Fuel Spray Characteristics of Palm-Derived Biodiesel”, World Renewable Energy Congress 2009-Asia, 19-22 May 2009, Bangkok, Thailand

Outstanding Achievement Award 2008, National Metal and materials Technology Center (MTEC), Thailand

Training Fellowship for “Research on Standards, Measurements, Evaluation and Geosciences for Industry” January-June, 2008, Japan International Cooperation Agency (JICA), Japan

Best Performance Award 2008 in research title “The Effects of High Temperature on Biodiesel Degradation” National Institute of advanced Industrial Science and Technology (AIST) and Japan International Cooperation Agency (JICA), Ibaraki, Japan