Pichayada Katemake

Professor, Researcher Bangkok, THAILAND

PERSONAL INFO

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Thai

Date of Birth
2 March 1971

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WEBSITE
https://www.imagetech.sc.chula.ac.th/

Web application

https://lowvision.imagetech.sc.chula.ac.th/

Media

Smart Light Bulbs for Better Visibility by Chulalongkorn Researchers Aims to Reduce Accidents in the Elderly and Those with Low Vision (newswise.com)

SUMMARY

Pichayada Katemake is the Department Head of Imaging and Printing Technology, Faculty of Science, Chulalongkorn University, BKK, Thailand. She received PhD (2001) and MSc (1997) in Colour Physics, from the University of Leeds, UK, and BSc (1993) at Chulalongkorn University. She has experience in teaching for 23 years, and supervised 6 PhD and 22 M.Sc students. Currently, she is supervising 4 PhD and 1 MSc students. She has experience in teaching color technology, color science, advanced color science, color for industry, optical properties of coloured materials, visual psychophysics and research methodology. She also voluntarily works as a secretary for Chulalongkorn University Science Alumni, as vice-president of the Jean Amiel Garoz Foundation for photography and music, and as president of the Color Society of Thailand.

PROFESSIONAL EXPERIENCE:

1994-1995: an account executive at Amarin Printing and Publishing Public Company
1995: taught at the Department of Imaging and Printing Technology, Faculty of Science, Chulalongkorn University (CU) and left for further study (1996-2001) in the UK
2001-present: resume work at CU
2004-2016: Department
2006: Assistant Professor
2012: Associate Professor
2009-2011: Assistant Dean, Faculty of Science, CU
2015-2017: Assistant Dean, Faculty of Science, CU
2016-present: Department Head
2008-2023: regular visiting professor at Jean Monnet University, France. Taught color science, advanced color science and some practical works. Be an advisor (2017) and co-advisor (2022) to Erasmus Mundus COSI students.

EXPERTISE

Colour physics / Colour science / Visual psychophysics / Optical properties of colored materials /Lighting for wellness

SELECTED PUBLICATIONS:

1. L Yang, É Dinet, P Katemake, A Trémeau, P Colantoni. A multichannel LED-based lighting approach to improve color discrimination for low vision people. Electronic Imaging, 2023, 35, 1-11.
2. P Katemake, A Radsamrong, É Dinet, CW Heng, YC Kuang, V Kalavally, A Trémeau. Influence of LED-based assistive lighting solutions on the autonomous mobility of low vision people, Building and Environment, 2019, 157, 172-184.
3. N Kaew-on, P Katemake*, S Prasongsuk. Primer formulations with antibacterial properties for murals, Progress in Organic Coatings, 2020, 138, 105395.
4. A Kempanichkul, T Piroonpan, P Kongkaoropham, S Wongkrongsak, P Katemake*, W Pasanphan. Electron beam-cured linseed oil-Diacrylate blends as a green alternative to overprint varnishes: Monitoring curing efficiency and surface coating properties, Radiation Physics and Chemistry, 2022, 199, 110350.