

LSPC16 Speaker: Yike Pan IES, ILA, SPIE



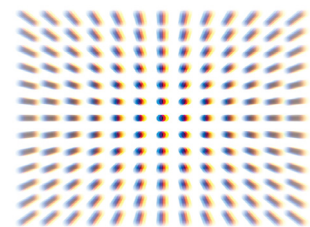
Yike Pan has a bachelor's degree in Illumination Engineering from Shanghai Fudan University, China (2008), a master's degree in Architectural Lighting Design from the Hochschule Wismar, University of Applied Sciences, Technology, Business and Design Wismar, Germany (2015), and is currently working on his PhD with the research topic "The chronic effect of light on human health in an office environment" at the Technical University of Eindhoven, the Netherlands.

Yike has worked as research assistant, lighting designer and project manager in Shanghai, China (2008-2012), New York City, USA (2013-2014) and Bonn, Germany (2014-2015). His well-rounded academic background and multi-cultural professional experience have helped him to understand light from a unique perspective. Following his master's thesis: *Bio-logical lighting design for the 'modern cave'*, he has continued to follow his passion for light and health research and his appreciation of architectural lighting as a research designer. He perceives light as a medium of energy and information, harmonizing the human body with its surrounding environment. By adopting the holistic and preventative medical approach of traditional Chinese medicine (TCM), he uses mathematical and physical methods to quantify the impact of light on human health, thus benefiting the work of architectural lighting design.

Yike also works in a start-up "aralys", Adaptive Lighting Solutions, researching and developing a biologically and socially smart adaptive lighting system in Siegen, Germany.

Presentation title:

TCM in Lighting Design: An Integrative Medical Methodology in Light Research.



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