

# Art Subpaasa

✉ art(at)nii.com

🌐 [linkedin.com/in/art-subpa-asa-138a9237](https://www.linkedin.com/in/art-subpa-asa-138a9237)

## 📁 Professional Experiences

### • National Institute of Informatics; Tokyo, Japan

Research Associate

2014–2015

- Conduct experiment and research on computer vision to studies light transport property of object.

### • The Stock Exchange of Thailand; Bangkok, Thailand

Application Engineer

2011–2014

- Maintain and monitor the performance of online trading system.

- Commercialize and customize features of the trading system as request by brokers and customers.

- Response for Develop and Architecture Design of the project to implement major release of the Thailand's largest trading platform "Streaming"

### • National Institute of Informatics; Tokyo, Japan

Interns

2009–2010

### • IT One Limited Company; Bangkok, Thailand

Interns

2008

## 🎓 EDUCATION

### • Tokyo Institute of Technology; Tokyo, Japan

Doctor of Philosophy, Information Processing

2015–2019

### • Chulalongkorn University; Bangkok, Thailand

Master of Engineering, Computer Engineering

2009–2011

### • Chulalongkorn University; Bangkok, Thailand

Bachelor of Engineering, Computer Engineering

2005–2009

## ✂ SKILLS

### • Developer Skill: 3 Year Experience in Financial Industry, 4 Year Experience in Research Related

Industrial Level: Front-end Development (Html, CSS, Javascript), Actionscript3, Java, Java EE, JSP

Laboratory Level: Matlab, C#

Homebrew Level: C++, Python

### • Research Skills: Main focus in Physic-based computer vision, Image acquisition

Topics: Physical-based Computer Vision, Global Light Transport, Image Acquisition

### • Language: Thai (Native), English (Fluent), Japanese (Basic)

### • Miscellaneous: Basic Graphic Design, Photography

## 📄 RECENT PUBLICATION

A Data-Driven Approach for Direct and Global Component Separation from a Single Image

[ACCV2018] Shijie Nie, Ilyes Kacher, Lin Gu, **Art Subpa-asa**, Imari Sato, Ko Nishino

Variable Ring Light Imaging: Capturing Transient Subsurface Scattering with An Ordinary Camera

[ECCV2018] Ko Nishino, **Art Subpa-asa**, Yuta Asano, Mihoko Shimano, Imari Sato

Polarimetric Three-View Geometry

[ECCV2018] Lixiong Chen, Yinqiang Zheng, **Art Subpa-asa**, Imari Sato

From RGB to Spectrum for Natural Scenes via Manifold-Based Mapping

[ICCV2017] Yan Jia, Yinqiang Zheng, Lin Gu, **Art Subpa-asa**, Antony Lam, Yoichi Sato, Imari Sato

A Microfacet-Based Reflectance Model for Photometric Stereo with Highly Specular Surfaces

[ICCV2017] Lixiong Chen, Yinqiang Zheng, Boxin Shi, **Art Subpa-asa**, Imari Sato

Light Transport Component Decomposition using Multi-frequency Illumination

[ICIP2017] **Art Subpa-asa**, Yinqiang Zheng, Ono Nobutaka, and Imari Sato

Direct and Global Component Separation from a Single Image Using Basis Representation

[ACCV2016] **Art Subpa-asa**, Ying Fu, Yinqiang Zheng, Toshiyuki Amano, and Imari Sato

Spectral Imaging Using Basis Lights

[BMVC2013] Antony Lam, **Art Subpa-asa**, Imari Sato, Takahiro Okabe, Yoichi Sato

Global object placement relation for improving 3-d scene construction from single image

[ECTI2011] **Art Subpa-asa** and Pizzanu Kanongchaiyos

Adaptive 3-d scene construction from single image using extended object placement relation

[VRCAI2009] **Art Subpa-asa**, Natchapon Futragoon, and Pizzanu Kanongchaiyos