

1. **Name:** Surachoke Thanapitak

2. **Education:**

PhD	Electrical Engineering	Imperial College London London, UK	2012
MSc	Analogue & Digital IC Design	Imperial College London London, UK	2007
BEng	Electronics Engineering	KMITL Thailand	2004

3. **Academic Experience**

Mahidol University

Associate Professor of Electrical Engineering 2018 - Present

Assistant Professor of Electrical Engineering 2014 - 2018

National Tsing Hua University

Research Fellow 2017-2018

4. **Non-Academic Experience:**

Microchip (THAILAND), Bangkok, Product Engineer 05/2004 – 12/2004

Thai Airways International, Bangkok, Operation Engineer 01/2005 – 07/2006

5. **Current Membership in Professional Organizations:**

IEEE member

6. **Honors and Awards:**

2nd Class Undergraduate Student at KMITL 2004

Royal Thai Government Scholarship 2007-2012

7. **Publications:**

Journal

Thanapitak, S.; Pookaiyaudom, P.; Seelanan, P.; Lidgey, F.J.; Hayatleh, K.; Toumazou, C.; ,
"Verification of ISFET response time for millisecond range ion stimulus using electronic
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Acquisition Using FVF Biquads," in *IEEE Transactions on Very Large Scale Integration (VLSI)
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Thanapitak, S., "An 1-V wide-linear-range weak inversion operational transconductance amplifier for low power applications," *Intelligent Signal Processing and Communications Systems (ISPACS), 2013 International Symposium on* , vol., no., pp.497,500, 12-15 Nov. 2013

Thanapitak, S., "An 1-V, 74-dB, sub-Hz Gm-C filter based on a modular transconductance reduction technique," in *Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology (ECTI-CON), 2014 11th International Conference on* , vol., no., pp.1-5, 14-17 May 2014

Thanapitak, S.; Sawigun, C., "A 9.19 nW hybrid OTA - Source follower biquad lowpass filter," in *TENCON 2014 - 2014 IEEE Region 10 Conference* , vol., no., pp.1-4, 22-25 Oct. 2014

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