

# Resume

Name: Motoshi Sobue

Current: Project Professor at NAIST, CEO, Nanolux co. Ltd, and Founder, Takumi Vision co.,ltd.

e-mail: sobue.motoshi.sk2@ms.naist.jp

## 1. Educational history:

Name of Institution	Date	Major	Degree
NAIST (Japan)	6/2023	Engineering	Doctor
Waseda University (Japan)	4/99-3/02	Marketing	Doctor(*)
Duke University (U.S.A)	7/95-7/96	Economics	Master
Waseda University (Japan)	4/87-3/89	Industrial Engineering	Master
Waseda University (Japan)	4/83-3/87	Industrial Engineering	Bachelor

(\*) completed the doctoral requirements except for the submission of the dissertation.

## 2. Records of Employment:

- Currently a CEO, Nanolux co. ltd (Nov 2015 – current), Founder, Takumi Vision co.,ltd
- TX Entrepreneur Partners (General Incorporated Association for startup support and investment), a Vice Chairman, a Board Member of Directors (03/14 – 03/17)

### (1) British American Tobacco (Dec 2005 – Aug 2014)

Department	Date	Position
Finance	02/11-08/14	Director, Corporate Finance & Strategy
Finance	12/08-02/11	Asia Pacific Regional Head of Marketing Finance
Finance	12/05 – 11/08	Japan Head of Marketing Finance

### (2) Dell (Dec 2002- Dec 2005)

Department	Date	Position
Consumer	4/05 – 11/05	Director, Consumer Sales
Biz and Cons	10/04- 4/05	Sr. Manager, Business Development
Ditto	12/02 – 10/04	Finance Controller

### (3) Intel (Feb 1997- Dec 2002)

Department or Branch	Date	Position
eBusiness	6/00 – 12/02	Asia Pacific Regional Head of Supplier e-Business
Finance	2/97- 6/00	Manager, Budget and business planning

### (4) Bank of Japan (Apr 1989 - Feb 1997)

Department	Date	Position
------------	------	----------

Credit & Market	7/96-2/97	Supervisor, security markets and companies
Duke University	7/95-7/96	(Corporate sponsored study in Economics)
Supervision	12/91-7/95	Sr. Staff, bank supervision and analysis
Niigata Branch	4/90-12/91	Staff, Local economic research
Research	4/89-7/90	Staff, Macro-economic research

### 3. Academic work

1 Enhancing infrared color reproducibility through multispectral image processing using RGB and three infrared channels. Sobue, M., Otake, H., Takehara, H., Haruta, M., Tashiro, H., Sasagawa, K., & Ohta, J. (2022).. Optical Engineering, 61(06), 063107.

2 Clear Fundus Images Through High-Speed Tracking Using Glare-Free IR Color Technology. Sobue, M., Takata, H., Takehara, H., Haruta, M., Tashiro, H., Sasagawa, K., Kawasaki, R., & Ohta, J. (2022). Journal of Robotics and Mechatronics, 34(5), 1152–1163.

3 Development of 4 μm Pixel Pitch NIR Multispectral Imaging Sensor and its Application to Glare-free NIR Color Fundus Camera. Sobue, H., Takehara, H., Haruta, M., Tashiro, H., Sasagawa, K., Kawasaki, R., & Ohta, J. (2023). Special Issue on Biosensing Devices and Systems, Sensors and Materials (in press).

4 Near-infrared Colorized Imaging Technologies and Their Fundus Camera Applications. Takehara, H., Wang, Z., Tang, H., Kishida, N., Horiki, Y., Sobue, M., Haruta, M., Tashiro, H., Sasagawa, K., & Ohta, J. (2022). [Invited Paper] ITE Transactions on Media Technology and Applications, 10(2), 59–68.

○太田 淳, 竹原 浩成, 春田 牧人, 笹川 清隆, 角 博文, 祖父江 基史, 川崎 良, 西田 幸二, 近赤外カラー化技術の眼底カメラへの応用に関する検討, 映像情報メディア学会情報センシング研究会 (IST), 2019年6月6日, 金沢大学 サテライトプラザ

○祖父江 基史, 2018年10月号 産学官連携ジャーナル「赤外線カラー暗視技術の事業化」

○祖父江 基史, 2018年9月号 映像情報メディア学会誌 「暗闇を彩り豊かな世界に特殊カラーフィルター付きイメージセンサーを開発」

<Publication>

○若者よ、外資系はいいぞ 祖父江 基史 | 2014/11/20 JBPress

### 4. Certificates, Prizes or Distinctions:

(1) U.S. CPA, exam passed in 05/96

(2) 1<sup>st</sup> prize in the 29<sup>th</sup> KAWAKAMI Memorial Foundation's Essay Contest (\$5,000), 05/88

(3) ナノルクス社が電子技術産業協会第4回「JEITA ベンチャー賞」を受賞、04/19

(4) ナノルクス社が大学発ベンチャー「新エネルギー・産業技術総合開発機構理事長賞」を受賞、09/18.