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* Taro Yamada：Graduate School of Systems and Information Engineering, University of Tsukuba, Tennoudai 1-1-1, Tsukuba, Ibaraki 305-8573, [taro@virtual.tsukuba.ac.jp](mailto:taro@virtual.tsukuba.ac.jp), Regular member of JAMIT
* Jiro Suzuki：Institute of Medical Imaging, Co., Ltd., Jonan 4-3-16, Yonezawa, Yamagata 992-8510, [jiro@imi.co.jp](mailto:jiro@imi.co.jp), Regular member of JAMIT

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Preparation of Manuscripts for Medical Imaging Technology

Taro YAMADA\*1，Jiro SUZUKI\*2

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\*1 Department of Computer Science, Graduate School of Systems and Information Engineering,

University of Tsukuba〔Tennoudai 1-1-1, Tsukuba 305-8573, Japan〕

e-mail: taro@virtual.tsukuba.ac.jp

\*2 Institute of Medical Imaging, Co., Ltd.

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Naozo Sugimoto, Ph.D.

Dept. Human Health Sciences, Graduate School of Medicine, Kyoto University

Email: sugimoto.naozo.8x@kyoto-u.ac.jp

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(For instance) The authors noted the following conflicts: The authors disclose a financial relationship with Aizu Co. Ltd, because of the patent pending related to this article applied by Taro Yamada and Jiro Suzuki. One of the authors, Jiro Suzuki is employed by Aizu, Co., Ltd, and a project member of grant for JST Center for Revitalization Promotion.

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**References**

［1］Ogawa K, Harata Y, Ichihara T, et al.: A practical method for position dependent Compton-scatter correction in single photon emission CT. IEEE Trans Med Imag **10**: 408-412, 1991

［2］Tanaka E: Analytical methods of three dimensional image reconstruction. Med Imag Tech **18**: 33-39, 2000

［3］Muehllehner G: Scintillation Camera Collimators. In: Nucelman S, Patton DD eds. Imaging for Medicine Vol. 1. Plenum Press, New York & London, 1980, pp77-87

## Biography

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| Please copy and paste the photograph here. | Taro Yamada  　Associate Professor with the Dept. of Mathematics, Univ. of Tsukuba. He received Ph.D. (Eng.) from Univ. of Tsukuba in 2010. He is a winner of JSPS postdoctoral fellowship (2010) and JAMIT best presentation award (2008). His research fields include nuclear medicine imaging (PET and SPECT) and image processing. He is a member of JAMIT and IEEE. |
| Please copy and paste the photograph here. | Jiro Suzuki  He received the B. Sc. Degree in Physics from Naniwa University, Japan, in 1991. He was with Institute of Medical Imaging, Co. Ltd. His research interests are CT imaging methods. He is a member of JAMIT and IEEE. |