

IEEE TRANSACTIONS ON BIOMEDICAL ENGINEERING

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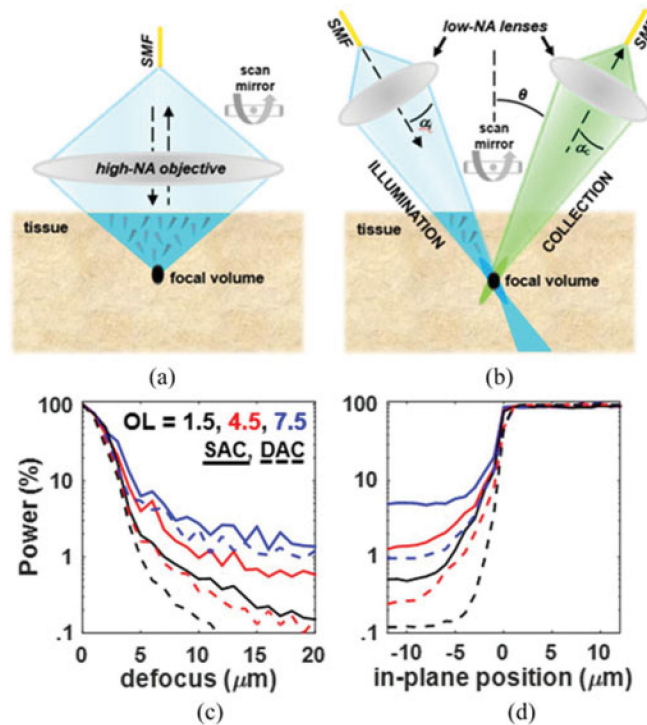
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Confocal architectures and performance. (a) Single-axis confocal microscopes use a single high-NA lens to excite and collect tissue fluorescence from tissue whereas (b) the dual-axis confocal (DAC) architecture uses two distinct low-NA lenses to improve performance without losing resolution. (c) Simulations and (d) experiments show that the DAC architecture provides superior volumetric imaging contrast in highly scattering media such as biological tissues. See “Modulated-Alignment Dual-Axis (MAD) Confocal Microscopy Optimized for Speed and Contrast,” by Leigh *et al.*, p. 2119.

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SPECIAL SECTION ON MODEL SHARING AND REPRODUCIBILITY

EDITORIAL

Reproducibility of Computational Models *Guest Editors: H. Sauro and A. Erdemir* 1995

SPECIAL SECTION PAPERS

Moving Towards Model Reproducibility and Reuseability *G. C. Y. Peng* 1997

How Modeling Standards, Software, and Initiatives Support Reproducibility in Systems Biology and Systems Medicine *D. Waltemath and O. Wolkenhauer* 1999

Toward Community Standards and Software for Whole-Cell Modeling
D. Waltemath, J. R. Karr, F. T. Bergmann, V. Chelliah, M. Hucka, M. Krantz, W. Liebermeister, P. Mendes, C. J. Myers, P. Pir, B. Alaybeyoglu, N. K Aranganathan, K. Baghalian, A. T. Bittig, P. E. P. Burke, M. Cantarelli, Y. H. Chew, R. S. Costa, J. Cursons, T. Czauderna, A. P. Goldberg, H. F. Gómez, J. Hahn, T. Hameri, D. F. H. Gardiol, D. Kazakiewicz, I. Kiselev, V. Knight-Schrijver, C. Knüpfer, M. König, D. Lee, A. Lloret-Villas, N. Mandrik, J. K. Medley, B. Moreau, H. Naderi-Meshkin, S. K. Palaniappan, D. Priego-Espinosa, M. Scharm, M. Sharma, K. Smallbone, N. J. Stanford, J.-H. Song, T. Theile, M. Tokic, N. Tomar, V. Touré, J. Uhlendorf, T. M Varusai, L. H. Watanabe, F. Wendland, M. Wolfien, J. T. Yurkovich, Y. Zhu, A. Zardilis, A. Zhukova, and F. Schreiber 2007

Guidelines for Reproducibly Building and Simulating Systems Biology Models
J. K. Medley, A. P. Goldberg, and J. R. Karr 2015

Reproducibility in Computational Neuroscience Models and Simulations
R. A. McDougal, A. S. Bulanova, and W. W. Lytton 2021

Oxygen Availability and Metabolic Dynamics During Mycobacterium tuberculosis Latency *E. May and C. Sershen* 2036

Computational Modeling of Spatiotemporal Ca²⁺ Signal Propagation Along Hepatocyte Cords
A. Verma, H. Makadia, J. B. Hoek, B. A. Ogunnaike, and R. Vadigepalli 2047

Development of an Open-Source, Discrete Element Knee Model *A. Schmitz and D. Piovesan* 2056

Full-Body Musculoskeletal Model for Muscle-Driven Simulation of Human Gait
A. Rajagopal, C. L. Dembia, M. S. DeMers, D. D. Delp, J. L. Hicks, and S. L. Delp 2068

Commentary on the Integration of Model Sharing and Reproducibility Analysis to Scholarly Publishing Workflow in Computational Biomechanics
A. Erdemir, T. M. Guess, J. P. Halloran, L. Modenese, J. A. Reinbolt, D. G. Thelen, and B. R. Umberger 2080

(Contents Continued on Page 1994)



REGULAR PAPERS

Analysis of the Peak Resistance Frequency Method	<i>B. Wang and J. D. Weiland</i>	2086
Adaptively Alternative Light-Transport-Model-Based Three-Dimensional Optical Imaging for Longitudinal and Quantitative Monitoring of Gastric Cancer in Live Animal	<i>X. Chen, D. Yang, F. Sun, X. Cao, and J. Liang</i>	2095
Combination of Expert Knowledge and a Genetic Fuzzy Inference System for Automatic Sleep Staging	<i>S.-F. Liang, C.-E. Kuo, F.-Z. Shaw, Y.-H. Chen, C.-H. Hsu, and J.-Y. Chen</i>	2108
Modulated-Alignment Dual-Axis (MAD) Confocal Microscopy Optimized for Speed and Contrast	<i>S. Y. Leigh, Y. Chen, and J. T. C. Liu</i>	2119
Effects of Temporal Congruity Between Auditory and Visual Stimuli Using Rapid Audio-Visual Serial Presentation	<i>X. An, J. Tang, S. Liu, F. He, H. Qi, B. Wan, and D. Ming</i>	2125
When Interpolation-Induced Reflection Artifact Meets Time-Frequency Analysis	<i>Y.-T. Lin, P. Flandrin, and H.-T. Wu</i>	2133
Modeling and Validation of the Three-Dimensional Deflection of an MRI-Compatible Magnetically Actuated Steerable Catheter	<i>T. Liu, N. L. Poirot, D. Franson, N. Seiberlich, M. A. Griswold, and M. C. Çavuşoğlu</i>	2142
Computing Cyclotorsion in Refractive Cataract Surgery	<i>D. Morley and H. Foroosh</i>	2155
Morphological Feature Extraction From a Continuous Intracranial Pressure Pulse via a Peak Clustering Algorithm	<i>H.-J. Lee, E.-J. Jeong, H. Kim, M. Czosnyka, and D.-J. Kim</i>	2169
Automatic Quantification of Radiographic Finger Joint Space Width of Patients With Early Rheumatoid Arthritis	<i>Y. Huo, K. L. Vincken, D. van der Heijde, M. J. H. De Hair, F. P. Lafeber, and M. A. Viergever</i>	2177
Nanoscale Quantifying the Effects of Targeted Drug on Chemotherapy in Lymphoma Treatment Using Atomic Force Microscopy	<i>M. Li, X. Xiao, L. Liu, N. Xi, and Y. Wang</i>	2187
Physical Models for Simulation and Reconstruction of Human Tissue Deformation Fields in Dynamic MRI	<i>E. Hodneland, E. Hanson, A. Z. Munthe-Kaas, A. Lundervold, and J. M. Nordbotten</i>	2200
Insomnia Characterization: From Hypnogram to Graph Spectral Theory	<i>R. Chaparro-Vargas, B. Ahmed, N. Wessel, T. Penzel, and D. Cvetkovic</i>	2211

LETTERS

Improved Noncoherent UWB Receiver for Implantable Biomedical Devices	<i>S. Nagaraj and F. G. Rassam</i>	2220
--	------------------------------------	------

ANNOUNCEMENTS

IEEE Wireless Health		2226
IEEE-NIH 2016 Special Topics Conference on Healthcare Innovations and Point-of-Care Technologies		2227
IEEE Workshop on Advanced Neuro Technologies for BRAIN Initiatives		2228
