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The field of interest of the IEEE Engineering in Medicine and Biology Society is the application of the concepts and methods of the physical and engineering sciences in biology and medicine. This covers a very broad spectrum ranging from formalized mathematical theory through experimental science and technological development to practical clinical applications. It includes support of scientific, technological and educational activities.

Engineering in Medicine and Biology Society

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EMBS Electronic Resource

CONFERENCES

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IEEE EMBS Special Topic Conference on Neural Engineering (NER)

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“for contributions to medical imaging and image-guided surgery”

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VTT Technical Research Centre of Finland, Finland

“for leadership in biomedical engineering and biomedical information technology”

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Tokyo Metropolitan University, Tokyo

“for contributions to electromagnetic brain imaging”

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North Carolina State Univ. & Army Research Office, USA

“for contributions to education in robotics and computer vision”

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“for contributions to total least squares fitting and computational biosignal processing”

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Geographic Finalists

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Europe

Johnny L. G. Nielsen, Aalborg University, Denmark

Asia Pacific

Peng Du, Auckland Bioengineering Institute, New Zealand

Latin America

Julián D. Arias-Londoño, Universidad Politecnica de Madrid, Spain

Open Finalists

Natasha Alves, University of Toronto, Canada

Justin Baker, University of Utah, USA

Alper Bozkurt, Cornell University, USA

Shan Hu, University of Minnesota Duluth, USA

Ho Chee Keong, University of Newcastle, Australia

Babak Mahmoudi, University of Florida, USA

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