Hebrew University?s Prof. Leo Joskowicz Named 2013 IEEE Fellow

Recognized for contributions to computer assisted surgery and medical image processing

Prof. Leo Joskowicz of the Hebrew University of Jerusalem has been named a fellow by the IEEE, the world?s leading professional organization for advancing technology for humanity. A Professor at the Hebrew University?s Rachel and Selim Benin School of Computer Science and Engineering, he is being recognized for contributions to computer assisted surgery and medical image processing.

IEEE Fellow is the highest grade of membership and is recognized by the technical community as a prestigious honor and an important career achievement. The IEEE Grade of Fellow is conferred by the IEEE Board of Directors upon a person with an outstanding record of accomplishments in any of the IEEE fields of interest.

Since 1995 Prof. Joskowicz has conducted research at the School of Engineering and Computer Science in computer-assisted surgery, computer-aided mechanical design, computational geometry and robotics. He heads the university?s Computer-Aided Surgery and Medical Image Processing Laboratory, which he founded in 1996. He is a member of the Hebrew University?s Edmond and Lily Safra Center for Brain Sciences, one of the only places in the world where scientists from different fields work closely together in an interdisciplinary approach towards understanding the brain.
A Fellow of the American Society of Mechanical Engineers (ASME) and a member of the editorial boards of six journals, Prof. Joskowicz has published over 180 technical works including conference and journal papers, book chapters, and editorials. Prof. Joskowicz is the recipient of the Hebrew University's 2007 Kaye Innovation Award and the 2010 Maurice E. Muller Award for Excellence in Computer Assisted Surgery (International Society of Computer Aided Orthopaedic Surgery).

Through its 400,000 members in 160 countries, the IEEE is a leading authority on a wide variety of areas ranging from aerospace systems, computers and telecommunications to biomedical engineering, electric power and consumer electronics. Dedicated to the advancement of technology, the IEEE publishes 30 percent of the world's literature in the electrical and electronics engineering and computer science fields, and has developed more than 900 active industry standards.

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The Jerusalem Brain Sciences Building will provide a state-of-the-art research and teaching facility for the Edmond and Lily Safra Center for Brain Sciences.

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