Jelena Kovacevic, Professor; Head of Electrical & Computer Engineering

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The main focus of Professor Kovacevic's group is on building automated systems for processing and interpretation of biomedical images. To that end, her group both uses the tools already developed in signal and image processing and machine learning as well as develops new tools specifically tailored to the problem at hand. Many of the techniques employed are based on sophisticated signal-processing concepts, such as multiresolution/wavelets and multiscale processing.

Professor Kovacevic is a Fellow of the IEEE and the past Editor-in-Chief of the IEEE Transactions on Image Processing. She is a co-author on three textbooks, all in open access. She has given a number of plenary and keynote presentations worldwide.

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http://jelena.ece.cmu.edu/bimagic.html