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Bio-Inspired NEMS/MEMS

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Message from the Guest Editor

Dear Colleagues,

Bio-inspired NEMS/MEMS includes novel materials, structures, devices, or systems in nano/micro scales, whose phenomena, principles, characteristics, functions or features are inspired, adopted or augmented from those of biological living creatures in nature. The goal of bio-inspiration is to create novel inventions, improvements, technical breakthroughs, or solutions in order to overcome the existing ones on the basis of a creative in-depth understanding of biological living creatures. Thus, we consider the bio-inspired approach not as a method but as a solution for a new class of technological innovation in NEMS/MEMS.

Prof. Young-Ho Cho
Guest Editor



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