



ČESKÉ VYSOKÉ UČENÍ TECHNICKÉ V PRAZE
ÚSTAV TECHNICKÉ A EXPERIMENTÁLNÍ FYZIKY

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POZVÁNKA

na 254. seminář ÚTEF ČVUT
pod záštitou Československé sekce NPSS IEEE

Engineering on both sides of the cellular membrane

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Abstract: Engineered products in biological systems often rely on familiar electromechanical technology. A relatively new field of synthetic biology offers a complementary collection of biological tools that can be integrated in new engineered products to solve outstanding problems in both biotechnology and medicine. This seminar will first review some of the existing sensory, regulatory, and decision tools and some of the underlying experimental technology. In the second half, the ongoing research efforts in building integrated devices for synthesis of dynamical biological behaviours will be presented. No prior knowledge of biology is assumed so anyone is welcome to attend.

Seminář se bude konat v úterý 4. prosince 2012 ve 14 hodin
v zasedací místnosti ÚTEF ČVUT, Praha 2 - Albertov, Horská 3a/22

Ing. František Krejčí
tajemník semináře

Ing. Stanislav Pospíšil, DrSc.
ředitel

Doc. Ing. Carlos Granja, Ph.D.
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