FULL PROFESSOR
EPFL STI IBI-STI TNE
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Ch. des Mines 9
CH-1202 Genève

SILVESTRO

MICERA

Translational

Neural Engineering

Education & Training

DOCTOR OF PHILOSOPHY

2000
Biomedical Engineering
Scuola Superiore Sant-Anna
Pisa, Italy

ASSISTANT PROFESSOR

2000-2009
BioRobotics
Scuola Superiore Sant-Anna
Pisa, Italy

VISITING SCIENTIST

2007
MIT
Cambridge, USA

ADJUNCT ASSISTANT PROFESSOR

2008 - 2011
Neuroprosthesis Control group
Swiss Federal Institute of
Technology
Zurich, CH

ASSOCIATE PROFESSOR

2011 - 2019
Translational Neural Engineering
EPFL,
Geneva, Switzerland

FULL PROFESSOR

2019 - current
Translational Neural Engineering
EPFL,
Geneva, Switzerland

Profile

Silvestro Micera's main goal is to develop implantable neural interfaces and robotic systems aimed at restoring sensorimotor function in people with different kind of disabilities (spinal cord injury, stroke, amputation, etc...), starting from basic scientific knowledge in the field of neuroscience, neurology and geriatrics, and investigating further to gain new information by using advanced technologies and protocols

Articles

Brain reactions to the use of sensorized hand prosthesis in amputees

Advanced Neurotechnologies for the Restoration of Motor Function

A closed-loop hand prosthesis with simultaneous intraneural tactile and position feedback

Press

TEDMEDLiveBologna

A powered exoskeleton prevents the elderly from falling

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Micera Lab

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