To have had the opportunity of participating in an IAP symposium was truly a unique experience for both my professional career and my development as a human being. Not only did I have the chance to be taught by some of the most skilled experts in the world in an incomparable location but I also met a group of bright people that I am sure will one day shape the future with their passion for making this world a better place for us all. And I feel truly grateful and blessed for that.

José Porto Tomás / SPAIN
Instituto Carlos III, Escuela Nacional de Sanidad

Research Symposia for Sustainable Development
The IAP symposia provide relevant, current, and invaluable insights into diverse topics, with a lifelong learning mindset.

HC
Health Care in the XXI Century: Human vs Machine
JANUARY 22-26, 2024
If the XX century was the century of physics, the XXI century is going to be the century of biology. Deciphering biological phenomena triggers technology development that promises to defeat disease. How does this promise come to realization without forgetting the human factor?

Subjects and Speakers

Session 1
THE ROLE OF AI IN DIAGNOSIS AND TREATMENT OF MENTAL DISORDERS
The Role of Modern Technologies in Detection and Intervention Around Mental Health and Wellbeing
SATRAJIT GOSH
Massachusetts Institute of Technology (MIT)

Law, Brain and Behavior
BRUCE PRICE
Mass General Research Institute
Harvard Medical School

Session 2
ENGINEERING SOLUTIONS TO REGAIN ORGAN/TISSUE FUNCTION
Soft Robotics
ELLEN ROCHE
Massachusetts Institute of Technology (MIT)

Prosthesis
LONNIE G. PETERSEN
MIT Institute for Medical Engineering
& Science

Session 3
HARNESSING THE POWER OF BIOLOGY – FROM CELLS AND MOLECULES TO BIOSENSING
Tissue Engineering
MERCEDES BALCELLS-CAMPS
Massachusetts Institute of Technology (MIT)

Nano
BRIAN W. ANTHONY
MIT.nano

Intersection of Science and Challenges of Health Care System
VIPUL CHITALIA
Boston University School of Medicine
Center of Cross-Organ Vascular Pathology

Session 4
THINKING AND WORKING TOGETHER IN A MULTIDISCIPLINARY ENVIRONMENT
The Sciences and the Humanities
DORIS SOMMER
Harvard University

Visit some of the laboratories where the technologies of the future are being developed

*Information is subject to change