

## CMBBE 2016 Special Oral Sessions and Chairs Overview

Special Oral Session	Session chairs
<b>Advancements in computer simulations for energy based therapies</b>	Gal Shafirstein, Roswell Park Cancer Institute, NY, USA
<b>Advances in modeling and simulations of biological soft matter</b>	Oded Farago, Ben Gurion University of the Negev, Israel
<b>Biomaterials and modelling</b>	Meital Zilberman, Tel Aviv University, Israel Dafna Knani, ORT Braude College, Israel
<b>Biomechanics for Computer Assisted Medical Interventions</b>	Yohan Payan, University Joseph Fourier - Grenoble 1, France
<b>Biomechanics in Urology</b>	Arturo Natali, University of Padova Via Marzolo, Padova, Italy
<b>Biomechanics of movement foot and gait</b>	Alon Wolf, Israel Institute of Technology, Technion City, Haifa, Israel
<b>Brain Computer Interface</b>	Miriam Zacksenhouse, Institute of Technology, Technion City, Haifa, Israel
<b>Brain Injury</b>	Susan Margulies, Bioengineering University of Pennsylvania Philadelphia, PA, USA
<b>Computational approaches in synthetic biology, biomedical informatics, and molecular genetics</b>	Tamir Tuller, Tel Aviv University, Israel
<b>Computer methods in vascular bioengineering</b>	Shmuel Einav, Tel Aviv University, Israel
<b>Computational modelling in cardiovascular diseases and therapies</b>	Thomas Franz, University of Cape Town, Cape Town Prof Jacob Bortman, Ben Gurion University of the Negev, Israel
<b>Computational respiratory mechanics and flows</b>	Josue Sznitman, Technion - Israel Institute of Technology, Haifa, Israel
<b>Computer methods in biomedical optical microscopy</b>	Natan Shaked, Tel Aviv University
<b>Computer modelling of angiogenesis</b>	Hans van Oosterwyk, KU Leuven, Belgium
<b>Computer modelling of tissue engineering processes</b>	Liesbet Geris, University of Liège, Belgium
<b>Dental Biomechanics</b>	Christoph Bourauel, University of Bonn, Bonn Tamar Brosh, Tel Aviv University, Tel Aviv
<b>Interfaces in medicine and biology: from fracture to adhesion</b>	Guillaume Haiat, National Center for Scientific Research (CNRS), France
<b>Knee Joints</b>	Howard Hillstrom, Hospital for Special Surgery, New York, USA
<b>Mathematical modelling for investigating thermal and electromagnetic tissue interaction</b>	Gal Shafirstein, Roswell Park Cancer Institute, New York, USA
<b>Mathematical models in injury and disease</b>	Fred Vermolen, Delft University of Technology, Netherlands Etelvina Javier, University of Defence, Zaragoza, Spain
<b>Mechanical interactions of cells with their environment</b>	Ayelet Lesman, Tel Aviv University
<b>Mechanobiology of musculoskeletal tissues</b>	Taiji Adachi, Kyoto University, Japan Peter Pivonka, The University of Melbourne, Australia
<b>Modelling and simulations of vascular diseases</b>	Pini Bar-Yosef, Technion, Israel Institute of Technology, Technion City, Haifa, Israel

<b>Modelling Fluctuations in Active Matter</b>	Yair Shokef, Tel Aviv University, Israel
<b>Modelling mechanical and frictional interactions of tissues and cells</b>	Ben Fabry, Center for Medical Physics and Technology, Erlangen, Germany Ana Smith, Friedrich-Alexander-Universität Erlangen, Germany
<b>Modelling soft tissue damage and healing</b>	Jos vander Sloten, Katholieke Universiteit Leuven, Belgium Nele Famaey, University of Leuven, Belgium
<b>Models of Drug Transport and Nano-medicine</b>	Netanel Korin, Technion Institute of Technology, Haifa, Israel
<b>Multiscale Computer Modelling in Rehabilitation Biomechanics</b>	Arthur Mak, The Chinese University of Hong Kong, China Sigal Portnoy, Tel Aviv University, Israel
<b>Neural engineering and central nervous system injury</b>	Lynne Bilston, Neuroscience Research Australia, Randwick, Australia
<b>Patient specific computational modelling and tissue properties</b>	Anath Fischer, Technion, Israel Institute of Technology, Haifa, Israel
<b>Reproductive Biomechanics</b>	Kristin M. Myers, Columbia University, Columbia, New York, USA
<b>Simulating traumatic brain and eye injury</b>	Brittany Coats, University of Utah, USA
<b>Skin biophysics and biomechanics</b>	Prof. Georges Limbert, University of Southampton UK Kemal Levi, BioX Consulting Inc. USA
<b>Spine Biomechanics, Imaging and Therapeutics</b>	Sarit Sivan, Ort Braude College of Engineering, Karmiel, Israel Zulma Gazit, Hebrew University of Jerusalem, Israel
<b>Soft tissues</b>	Sam Evans, Cardiff School of Engineering, United Kingdom
<b>Tissue elastography</b>	Ralph Sinkus, King's College London, London, UK
<b>Tissue Engineering Scaffolding: Computer-Aided Design and 3D Printing</b>	Paulo R. Fernandes, Universidade de Lisboa, Lisbon, Portugal Miguel Castilho, University Medical Center Utrecht, Netherlands