

The Physics of Living Matter -European Summer School

dimanche 3 juillet 2016 - vendredi 8 juillet 2016

Programme Scientifique

European Summer School - The Physics of Living Matter

Strasbourg University Daniel Riveline

Speakers (45min) and introductions (45min) :

Attila Becskei (Basel, Switzerland): SYSTEMS BIOLOGY

Karim Benzerara (Paris, France): ORIGIN OF LIFE

Franziska Lautenschläger (Saarbrücken, Germany): CELL MOTILITY

Thomas Lecuit (Marseille, France): PHYSICS OF MORPHOGENESIS

Jean-Louis Mandel (Strasbourg, France): BIOETHICS, PREDICTIVE MEDICINE AND SYSTEMS BIOLOGY

Elena Martinez (Barcelona, Spain): MICROFABRICATION AND BIOLOGY

Michel Orrit (Leiden, The Netherlands): OPTICS FOR BIOLOGY

Jacques Prost (Paris, France/Singapore): OUT-OF-EQUILIBRIUM PHYSICS IN BIOLOGY

Martin Quack (Zürich, Switzerland): PARITY VIOLATION IN CHIRAL MOLECULES AND THE EVOLUTION OF BIOMOLECULAR HOMOCHIRALITY

Spiros Skourtis (Freiburg, Germany / Cyprus): QUANTUM BIOLOGY

Guy Theraulaz (Toulouse, France): COLLECTIVE EFFECTS IN BIOLOGY

Claudia Veigel (München, Germany): SINGLE MOTORS

