Seminar on Biomimetics: “Innovations Inspired by Nature”

Date: Tuesday, April 4, 2017  
Time: 13.00-17.00  
Place: Lecture Hall L2, University of Oulu, Linnanmaa Campus (Pentti Kaiterankatu 1, Oulu)  
Organizer: Genes and Society -Argumenta Project, Biocenter Oulu, University of Oulu  
Registration: https://www.webropolsurveys.com/S/7B3ADCC5CCDD4BBBF4.par  
Registration deadline: March 28  
Contact: Coordinator Meri Rova (meri.rova@oulu.fi)

Programme

Chairperson: Marko Huttula (University of Oulu, Finland)

13.00-13.15 Opening words: Introduction to biomimetics  
Seppo Vainio (University of Oulu, Finland)

13.15-13.45 Biomimetic materials by self-assemblies through the length scales  
Olli Ikkala (Aalto University, Finland)

13.45-14.15 Bio-inspired leaf replica for lightwave guidance  
Wei Cao (University of Oulu, Finland)

14.15-14.45 3D assemblies of nanostructured carbon materials  
Krisztian Kordas (University of Oulu, Finland)

14.45-15.15 Coffee/tea and refreshments

15.15-15.45 Splitting water with light using artificial photosynthesis  
Anders Thapper (Uppsala University, Sweden)

15.45-16.15 Plant-microbe interactions as a toolkit for biomimetic druggable compounds  
Anna-Maria Pirrti (University of Oulu, Finland)

16.15-16.45 Extracellular vesicles based biomimetic carrier for targeted drug and virus delivery  
Marjo Yliperttula (University of Helsinki, Finland)

16.45-17.00 Closing remarks  
Seppo Vainio (University of Oulu, Finland)